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OF THE AIR FORCE**



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**AIR FORCE MATERIEL COMMAND.
Supplement 1**

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Flying Operations

FLIGHT MANAGEMENT

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction implements AFD 11-4, *Aviation Service*, and Department of Defense (DoD) Directive 1340.4, *Proficiency Flying Programs*, July 17, 1972, with Change 1. It sets procedures for managing Air Force flying resources and gives guidance that applies to administering aircrew flight management programs. It applies to all US Air Force flight managers, commanders of flying units, and aircrew personnel. Send comments and suggested improvements to this instruction on AF Form 847, **Recommendation for Change of Publication**, through channels to HQ USAF/XOOT, 1480 Air Force Pentagon, Washington DC 20330-1480. Major commands (MAJCOMs), field operating agencies (FOAs), HQ USAF direct reporting units (DRUs), and subordinate organizations may supplement this instruction. Supplements cannot be less restrictive than the basic publication. MAJCOMs, FOAs, and DRUs will coordinate their supplements to this instruction with HQ USAF/XOOT before publication and will forward one copy to HQ USAF/XOOT after publication; subordinate organizations will coordinate their supplements with parent organizations and will furnish one copy of their supplement to the next higher headquarters. This document requires the collection and or maintenance of information protected by the Privacy Act of 1974. The authority to collect and maintain the records prescribed in this instruction are in Title 10, United States Code (U.S.C.), Section 8013 and Title 37 U.S.C. 301a, Incentive pay: Public Law 92-204 (Appropriations Act for 1973), Section 715; Public Law 93-570 (Appropriations Act for 1974); Public Law 93-294 (Aviation Career Incentive Act of 1974); DoD Directive 7730.57 (Aviation Career Incentive Act) and Executive Order 9397 (Numbering System For Federal Accounts Relating to Individual Persons). The Privacy Act System Number F011 AF XO A, Air Force Operations Resource Management Systems (AFORMS) covers required information. Maintain and dispose of records created as a result of processes prescribed in this instruction according to AFMAN 37-139, *Records Disposition Schedule*.

(AFMC) This supplement implements AFPD 11-4, *Aviation Service*, and Department of Defense (DoD) Directive 1340.4, *Proficiency Flying Programs*, July 17, 1972, with changes. It expands on guidance provided in AFI 11-401 and applies to all AFMC units and AFRC units under AFMC OPCON. It does not apply to the Air National Guard. Use this instruction with AFI 11-401 as supplemented. Units may further supplement this instruction, as required. If supplemented, send a copy to HQ AFMC/DOO.

SUMMARY OF REVISIONS

This document is substantially revised and must be completely reviewed.

This revision includes the Fiscal Year (FY) 1996 National Defense Authorization Act (NDAA), which modified the required gates rated officers must achieve for ACIP entitlement established by the ACIA of 1989; FY 99 NDAA which changed the way the monthly rate of ACIP is calculated; FY 2000 NDAA that established Career Enlisted Flyer Incentive Pay (CEFIP) and the required gates that must be met to receive continuous CEFIP; the rating of Air Battle Manager (ABM); and the change of Rated Position Indicator (RPI) to Aircrew Position Indicator (API), which establishes alphabetic API codes for Career Enlisted Aviators (CEA). It has also changed the title of Host Operations Systems Management (HOSM) to Host Aviation Resource Management (HARM). This revision incorporates changes to general officer flying positions as specified in AF/CC 30 Jul 01 message.

(AFMC) This document is substantially revised and must be completely reviewed. This supplement conforms to HQ USAF AFI 11-401, 1 October 2001.

AFI 11-401, 1 October 2001, is supplemented as follows:

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Chapter 1

RESPONSIBILITY AND OBLIGATIONS, FLIGHT AUTHORIZATIONS, FOREIGN MILITARY FLYING, AND THE AIR FORCE AIRCREW RATIO PROCESS

Section 1A—Responsibilities and Obligations

1.1. Who Must Comply.. The policies and requirements of this instruction apply to all personnel (both active and inactive aircrew members, operational support members and other authorized personnel) who fly onboard Air Force aircraft. In addition, it provides guidance on the Jump Record Folder (JRF), Aviation Service Codes (ASC), and flight authorization codes in [Table A2.3](#) for Air Force parachutists. Further guidance on parachutist policies and requirements can be found in AFI 11-410, *Personnel Parachute Operations*.

1.2. Responsibilities of HQ USAF/XOO.. The Director of Operations and Training (HQ USAF/XOO) establishes and monitors the Air Force flying program as outlined in this instruction to ensure effective use of resources.

1.3. Responsibilities of MAJCOMs.. MAJCOM commanders, through their staffs, must provide guidance, criteria, and supervision to their subordinate organizations to establish a system to carry out the requirements of this instruction and to meet training and operational needs of the US Air Force. They must prohibit any agency or unit from operating or maintaining an aircraft which does not have an established system program director. For example, aircraft procured through non-DoD resources should not be flown or operated by USAF units.

1.3.1. Interfly Guidance. MAJCOMs will place interfly guidance (if applicable) in their aircraft-specific AFI 11-2MDS, Volume 3.

1.3.2. Ensure that no aircrew member is allowed to remain with a flying status code (FSC) of “S” or ASC of “04” beyond 180 days without being disqualified for aviation service, returned to flying, or reassigned to non-flying, unless a valid reason has been established and approved by the MAJCOM/DO.

1.4. Responsibilities of Subordinate Organizations..

1.4.1. Commanders are responsible for compliance with the minimum requirements of this instruction. Commanders will:

1.4.1.1. Issue orders and supervise all personnel assigned or attached to their command for flying duties.

1.4.1.2. Establish procedures to ensure all flights are reviewed for flight feasibility.

1.4.1.3. Ensure compliance with appropriate instructions, and adequate crew preparation for safe conduct of flight.

1.4.1.4. Verify aircrew members are qualified before being assigned to an aircrew position.

1.4.1.5. Notify the Host Aviation Resource Management (HARM) office within 10 days of the beginning of any investigations that may affect an aircrew member’s aviation service.

1.4.1.6. Ensure aircrew members that have been disqualified for aviation service have the appropriate disqualification aeronautical order (AO) published, even if the member may have already separated or was dismissed from the Air Force.

1.4.1.7. Ensure aircrew members that have been assigned the FSC of “S” and ASC “04” do not exceed the 180 day limit, without obtaining approval from their MAJCOM/DO.

1.4.1.7.1. (Added-AFMC) Unit commanders will provide justification to the HARM office for rated officers and CEAs assigned to their units in Flying Status Code (FSC) ‘S’ for 150 days explaining why the incumbent will remain in that status beyond 180 days. The HARM office will inform HQ AFMC/DOO of the commander’s action.

1.4.1.8. When FSC “K” is assigned, a letter of explanation (signed by the OG/CC, deputy, or equivalent) will be filed on the left side of the FRF. Maintain all FSC “K” letters in the Flight Records Folder (FRF) permanently. Provide an information copy of each letter to the MAJCOM/DO within 30 days of assignment of FSC “K.” To ensure the requirement for active flying is still valid, each position occupied by the primary incumbent assigned FSC “K” must be revalidated by the MAJCOM/DO at the end of each fiscal year. The OG/CC is required to submit the revalidation letter to the MAJCOM/DO no later than 30 days after the fiscal year. Upon completion of the revalidation, a letter must be sent to the member’s HARM office authorizing the continuance of the FSC “K.”

1.4.2. Commanders manage aircrew members assigned to their unit and coordinate changes that affect aircrew members’ flying status to the HARM.

1.4.2.1. Commanders will ensure all aircrew positions are not double billeted in excess of 90 days, IAW AFI 11-412.

1.4.2.1.1. Commanders must notify the HARM when staff flying positions are double billeted and which aircrew member to assign inactive flying activity and flying status codes within 30 days of assignment to the position, IAW [Table 2.1.](#), Note 3.

1.4.3. (Added-AFMC) Commanders of AFMC centers with flying operations (e.g., WR-ALC, AAC, ASC) will appoint, in writing, a Director of Flight Operations (DFO) for assigned flying units. HQ AFMC/DO will appoint the DFO for certain unique units (i.e., units not belonging to a center). The DFO is responsible for oversight of day-to-day flight operations and compliance with USAF and AFMC flight operations policies. DFOs will ensure ORM principles are emphasized before all flying activities.

1.4.3.1. (Added-AFMC) A DFO must be an actively flying AFMC pilot or navigator with flight management responsibilities, no lower than the flying unit commander.

1.4.3.2. (Added-AFMC) For depot FCF operational issues covered by guidance in T.O. 1-1-300, *Acceptance/Functional Check Flight and Maintenance Operational Checks*, the DFO is the equivalent to a Group Commander.

1.4.3.3. (Added-AFMC) For units without a flying wing commander, HQ AFMC/ DOO (primary) or HQ AFMC/DOV (alternate) is the wing commander equivalent authority.

1.4.3.4. (Added-AFMC) Send a copy of DFO appointment memos each year in June or whenever DFO appointments change to HQ AFMC/DOO, info copy to HQ AFMC/DOV. Appointment memos must include name, rank, phone and fax number, e-mail address, and local address.

1.5. Responsibilities of Aircrew Members and Parachutists..

1.5.1. Safely and effectively use available flying resources.

1.5.2. Validate, during the annual flight or jump records review, the record of flying or jump accomplishments during the previous year. Member will sign record and return to the HARM office prior to end of the member's birth month. Once the FRF or JRF has been signed or has been acknowledged by the member to be correct, information maintained in the FRF or JRF will not be changed, unless official documentation is presented to the HARM office, which is validated by the member's flying or jump unit commander or director of flying or jump operations. Adequate supporting documentation must be provided to substantiate changes.

1.5.2.1. Inactive aircrew/jump personnel must accomplish a records review within 120 days prior to departure and not later than 120 days following their arrival at a new duty station. They are not required to accomplish annual reviews of their FRF/JRF.

1.5.2.2. Aircrew/jump personnel suspended or disqualified for aviation service will accomplish a FRF/JRF review within 30 days. (Does not include DNIF.) Member will sign review and return to HARM office within 5 duty days.

1.5.3. Ensure the HARM office maintaining their FRF or JRF is aware of any impending permanent change of station (PCS) move or flying/jumping temporary duty (TDY). The HARM office must be advised of the proposed departure date, date of last flight or jump before departure, and date the individual will pick up the FRF or JRF (at least five days prior to departure), if applicable.

1.5.3.1. Validate flights or jumps accomplished before departing PCS and sign AFORMS generated PCS individual data summary (IDS).

1.5.3.2. Notify the HARM office of any permanent change of assignment (PCA), to include pending PCA moves. Provide gaining unit, effective date of assignment, and position number. The HARM office must be advised if the position will require flying or jumping that will require an update to the Air Force Operations Resource Management System (AFORMS) and the publication of any necessary AOs.

1.5.4. Pick up the FRF or JRF before departing for PCS or flying/jumping temporary duty (TDY) (ref. para [3.1.4.1.](#)).

1.5.5. Turn in the FRF or JRF to the proper HARM office within 10 workdays after arriving at a new duty station (includes flying TDY). FRF/JRF must be reviewed by the member within 30 days after arrival at a new permanent duty station. Inactive aircrew members must also turn in the FRF and Flight Evaluation Folder (FEF). If a member does not turn in the FRF within the 10 workday limit, aviation career incentive pay (ACIP), career enlisted flyer incentive pay (CEFIP), or hazardous duty incentive pay (HDIP) will be suspended until receipt of the FRF.

1.5.5.1. (Added-AFMC) Flyers who become inactive will turn in their FEF to the HARM office within 10 days of assignment to an inactive flying position (i.e. API-6 flyer is placed in an API-3 position, etc.).

1.5.6. Turn in medical records to the flight surgeon's office within 10 workdays after arriving at new duty station and complete initial clearance prior to first flight or jump.

1.5.7. Maintain Physical Examination currency by completing a preventive health assessment annually not later than the last day of, but not earlier than five months prior to the member's birth month.

1.5.8. Members will sign out AF Form 702, **Individual Physiological Training Record**, and AF Form 1042, **Medical Recommendation for Flying or Special Operational Duty (Copy)** from the HARM office prior to attending physiological/centrifuge training. Upon completion of training return forms to the HARM office within 5 duty days after arrival at home station.

1.5.9. Notify the HARM of all non-flying/jumping TDY assignments (including Bootstrap). Provide HARM office a copy of TDY orders.

1.6. Flying Obligations.

1.6.1. **During Time of War.** Commanders (including unit commanders) may order Air Force members on active duty to make flights in any aircraft. They are not entitled to incentive pay unless placed on aeronautical orders that require them to perform specific inflight duties on a frequent and regular basis as defined in this instruction. Members are not entitled to such pay, if the pay is suspended by the President according to Title 37 U.S.C. 301(d) or 301a(c).

1.6.2. **In Time of Peace.** Commanders (including unit commanders) may order Air Force members on active duty to make official flights when in the best interest of the Air Force. They are not entitled to incentive pay for Operational Flying Duty Accumulator (OFDA) credit unless placed on AOs and assigned an active ASC that requires them to perform specific inflight duties on a frequent and regular basis, (e.g., flying a minimum of four hours per month for an active duty member or two hours per month for an ARC member).

1.6.2.1. Members who are properly qualified and directed to perform specific inflight duties on a frequent and regular basis will be placed on AOs and a flight authorization. Members who are properly qualified and directed to perform specific inflight duties on an infrequent or irregular basis may be ordered to do so using the flight authorization and will not be placed on the AFTO Form 781, **AFORMS Aircrew/Mission Flight Data Document**.

1.6.2.2. Members not on AOs (or flight authorizations) must fly in passenger status and will be placed on a passenger manifest and must fly on commercial or military aircraft with adequate facilities for transporting passengers. Refer to paragraph [1.9.4.7.1.](#), [2.12.5.](#), and applicable MDS-Specific guidance for further passenger guidance/restrictions.

1.6.2.3. Commanders (including unit commanders) may detail (by written orders) personnel of their command to take part in aircraft flights operated by any foreign government accredited by the United States, provided the flights do not add additional expense to the US Government, and provided personnel are on AOs that require them to take part in frequent and regular flights.

1.7. Waiver..

1.7.1. For Combat Missions or National Emergencies. MAJCOM commanders may waive any requirements of this instruction when necessary to carry out combat missions or to accomplish missions flown during a state of national emergency. Provide notification to AF/XO with copy to AF/XOOT.

1.7.2. At Other Times. Unless otherwise specified in this instruction, HQ USAF/XOO is the waiver authority for this instruction. Request waivers through applicable channels to MAJCOM/DO, or equivalent level. MAJCOM/DOs will forward request in message or memo format to HQ USAF/XOO, with courtesy copy to HQ USAF/XOOT. Waivers to supplemental guidance will be handled by the MAJCOM agency that generated the supplement.

1.7.2. (AFMC) Send requests for waivers and changes to HQ AFMC/DOO.

1.7.3. Administrative Procedures. MAJCOMs may publish HQ USAF waivers in supplements citing the authority (e.g., HQ USAF/XOO memo, date, subject).

Section 1B—Flight Authorization

1.8. Aircraft Flight Authorizations..

1.8.1. Commanders (including unit commanders) issue written authorizations documenting Air Force aircraft flights. If forms are required for this process, follow AFI 33-360V2, *Forms Management Program*. A commander's (including unit commanders) verbal authorization may direct aircraft flight only when time constraints or administrative procedures prevent written authorization. Written confirmation of this order must be issued within three workdays. Changes to the flight authorization, once it has been signed, must be validated by a designated approving authority by placing the approving authority's initials by the element changed.. The commander with operational control of the aircraft will publish the flight authorization.

Note: Only commissioned officers (e.g., CC/DO/SOF/Flight Commanders) designated (in writing) by the OG/CC or equivalent may sign flight authorizations.

1.8.1. (AFMC) Use AFMC Form 82, **Flight Authorization**, or AFMC Form 83, **Local Flight Clearance/Flight Authorization** (see **Attachments 4** and **5**). These forms may be computer generated by flying units provided the original AFMC format is retained and all information contained on the AFMC form is depicted on the copy. Flight authorizations will be retained for one year after mission completion. Commanders will approve flight authorizations and may designate, in writing, additional personnel who may also approve them. Squadron commanders designated by the DFO may also designate additional personnel within their squadron. The list of designated additional personnel should be kept to the minimum number necessary to accomplish the mission. **Table 1.2.** summarizes authorizing and manifesting of personnel who fly onboard AFMC aircraft.

1.8.1.1. (Added-AFMC) Forms Prescribed. AFMC Form 80, **Multiple Qualification Request and Authorization**; AFMC Form 81, **Flight Authorization for Crewmember/Operational Support Flyer (MESP)**; AFMC Form 82, **Flight Authorization** and AFMC Form 83, **Local Flight Clearance/Flight Authorization**.

1.8.2. The flight authorization, as a minimum, must include:

1.8.2.1. A designated pilot-in-command, or formation flight leader of each flight or flight element.

1.8.2.1.1. (Added-AFMC) The pilot in command (PIC) is responsible for the safe and effective conduct of the mission and will normally occupy a seat equipped with a set of flight controls during all critical phases of flight. The designated PIC must be current and qualified in the mission to be flown. In-flight changes of PIC duties will be strictly limited and will be

briefed in adequate detail to ensure each crewmember understands who will be performing PIC duties. For PIC changes planned prior to flight, list pilot in command for each segment of the mission on the flight authorization. Thoroughly brief planned PIC changes as a part of the mission briefing prior to flight.

1.8.2.1.2. (Added-AFMC) An instructor qualified crewmember, on the flight authorization and when in a position to monitor flight operations, has the authority and responsibility to prevent or correct any unsafe action or breach of flight discipline. Responses may range from verbal intervention to taking command of the aircraft or flight in extreme situations.

1.8.2.2. Name, grade, and crew position of each crewmember, operational support flyer, or any other official personnel (use the position designation established by the MAJCOM) required for the mission or flight.

1.8.2.3. Type, serial number, and call sign of aircraft or formation and mission symbol.

1.8.2.4. Place from which the flight will depart plus "on-or-about" departure date.

1.8.2.5. An itinerary and the phrase "Variations in itinerary authorized."

1.8.2.6. Provisions of AFI 65-103, *Temporary Duty Orders*, apply to temporary duty performed incidental to authorized flights. Include a statement to this effect on the flight authorization.

NOTE:

If the serial number or call sign is unknown at time of flight authorization publication, it must be entered on the file copy of the flight authorization upon confirmation.

1.9. Authorization for Using US Air Force Aircraft..

1.9.1. Commanders (including unit commanders) authorize aircraft flights to support command operations.

1.9.2. Commanders (including unit commanders) must ensure each flight is in the direct interest of government business and does not exceed flying hour allocations without specific approval. Commanders (including unit commanders) must **not** authorize flights for personal convenience or recreation.

1.9.3. The transportation of passengers and cargo will be in accordance with DoD 4515.13-R, *Air Transportability Eligibility*. Orientation flights may be approved as provided in DoD 4515.13-R and this instruction.

1.9.4. Commanders (including unit commanders) may use Air Force aircraft under their control to:

1.9.4.1. Perform tactical and combat operations.

1.9.4.2. Train aircrew personnel and evaluate aircrew performance.

1.9.4.3. Allow aircrews to meet the flying requirements of this instruction.

1.9.4.4. Further national health or safety interests, to include saving of human life if a medical officer indicates the situation involves possible loss of life, limb, or sight (DoD 4515.13-R).

1.9.4.5. Cooperate with foreign governments as directed by HQ USAF.

1.9.4.6. Perform other official missions as required.

1.9.4.7. Conduct the Air Force Orientation Flight and Public Affairs Travel Programs according to DoD 4515.13-R; AFI 35-101, *Public Affairs Policies and Procedures*; AFI 48-123, *Medical Examinations and Standards*, this instruction; and MAJCOM guidelines. **Table 1.1.** is a matrix of approval authorities for public affairs/orientation flights.

1.9.4.7. (AFMC) AFMC Orientation Flight approval authorities. Table 1.3. below, when used in conjunction with AFI 11-401, Table 1.1, lists all requirements for approval of AFMC orientation flights.

1.9.4.7.1. The USAF conducts orientation flights to reward and motivate individuals (incentive orientation flights only), ensure a better understanding of a particular weapon system and its role, or when the flight is determined to be in the best interest of the USAF.

1.9.4.7.1. (AFMC) The purpose of the orientation flight program is to reward, motivate, or increase an individual's understanding of the Air Force mission. The Orientation Flight Program is a valuable tool to AFMC and the Air Force, and to effectively manage the program requires strong leadership at all levels to ensure that the appropriate benefit is derived. Commanders must ensure each flight is properly justified, to include benefits to the Air Force, and each sortie profile is designed to meet the passenger's needs or limitations to ensure a positive flight experience.

1.9.4.7.1.1. Incentive Flights. Provide a visible reward to military personnel for outstanding service and motivate others to similar performance levels.

1.9.4.7.1.2. Distinguished Visitor (DV) Flights. Display USAF weapons systems to individuals so they gain a better understanding of the particular aircraft and mission.

1.9.4.7.1.3. Familiarization Flights. Familiarize individuals who normally have aviation-related responsibilities with USAF aircraft and missions.

1.9.4.7.1.4. Spouse Orientation Flights. Familiarize military spouses with the unit aircraft and mission so as to enhance their understanding of the military member's role and contribution to the Air Force mission. Spouse orientation flights will be limited to retention and recruitment of critical skills and will not be expanded to an all-skills, service-wide program. Spouse orientation flights must adhere to the following guidance:

1.9.4.7.1.4. (AFMC) AFMC flying units may conduct a spouse orientation flight program if resources (aircrews, flying hours, etc.) permit and units' assigned aircraft are suitable for passengers. If unit assigned aircraft, to include aircraft possessed for Air Logistics Center (ALC) flying activities, are not suitable for passengers, a spouse taxi program may be developed. HQ AFMC/DOO is the approval authority for all new or revised spouse orientation flight and taxi programs. Spouses of AFMC military aircrew members, operational support flyers, and crew chiefs are eligible to participate. Priority will be given to spouses of aircrew members. The flying unit commander may allow eligible members and their spouses to fly together only if they both state, in writing, that they desire to do so and neither will be performing in-flight duties on the mission.

1.9.4.7.1.4.1. Will be provided within approved flying hour programs.

1.9.4.7.1.4.2. Will not use aircraft requiring routine oxygen breathing equipment, or equipped with ejection seats, or have automatic escape devices requiring special training.

1.9.4.7.1.4.3. Are prohibited from conducting simulated emergency procedures, unusual attitudes, touch-and-go landings, minimum altitude, terrain following profiles, airdrop missions, and other maneuvers/profiles listed in MDS-specific publications as prohibited with passengers on board.

1.9.4.7.1.4.3. (AFMC) Do not fly spouses on flights involving formation, midair retrieval, or airdrops (includes vehicles or stores released from the aircraft). Exception: Spouses may fly on KC-10 or KC-135 aircraft during air refueling.

1.9.4.7.1.4.4. Will have a qualified pilot or copilot occupying the seat throughout the flight. Under no circumstances will a spouse be given control of the aircraft. The aircraft commander will brief this restriction prior to each mission.

1.9.4.7.1.4.4. (AFMC) Qualified pilots must occupy mandatory pilot positions during all operations.

1.9.4.7.1.4.5. Units with fighter, bomber, and two-seat trainer aircraft may establish an aircraft spouse taxi-ride program. MAJCOM/DO will provide oversight of MAJCOM programs.

1.9.4.7.1.5. Public Affairs/Orientation Flights and Travel. The Air Force conducts Public Affairs travel and orientation flights for prominent US citizens, civic leaders, news media representatives, etc. See DoD 4515.13-R and AFI 35-101 for additional guidance. As a consolidated reference, [Table 1.1](#) contains approval authorities for various categories of Public Affairs travel and orientation flights; however, readers should refer to AFI 35-101 as the source document for Public Affairs travel and public affairs orientation flight guidance.

1.9.4.7.2. MAJCOMs, ANG, FOAs, and DRUs will administer this program according to DoD 4515.13-R and the above guidelines. AF/ILTT is the Air Force OPR for DoD 4515.13-R. For approval authorities in [Table 1.1](#), ANG will use equivalent positions, as appropriate.

1.9.4.7.2.1. Maintain appropriate documentation on activity levels and periodically evaluate the program effectiveness.

1.9.4.7.2.2. Units requesting orientation flight support from other MAJCOMs will submit a request through their MAJCOM/DO for approval. The requesting MAJCOM/DO will then send a request to the supporting MAJCOM/DO for staffing and approval.

Table 1.1. Public Affairs/Orientation Flight Approval Authorities (Note 1).

Line	A	B	C
	Type of Flight	Authorized Participants	Approval Authority
1	Distinguished Visitor (DV)	Members of the Congress or their staffs (note 2)	SECAF via SAF/LL
2	Orientation flight	Federal and foreign government officials (note 6)	MAJCOM/CC (notes 3, 4, 5)
3		US ambassadors and their senior deputies, within overseas theaters, when invited by the theater or component commander	Overseas MAJCOM/CC (notes 3, 5)
4		Foreign nationals (working for the DoD), when in the commander's overseas area of responsibility, and when the commander has determined that the flight is in the primary interest of the DoD. (Ref. DoD 4515.13-R, Chapter 10.) (note 6)	
5		Foreign civilians (note 6)	
6		Foreign military (Brigadier General [equivalent] and above or civilian equivalents) (note 6)	MAJCOM/CC (notes 3, 4, 5)
7		Foreign military (Brigadier General [equivalent] and above or civilian equivalents) for requests that do not fall within normal MAJCOM channels (i.e., FOA requests) (note 6)	HQ USAF/XOO
8		Foreign military (Colonel [equivalent] and below or civilian equivalents) (note 6)	MAJCOM/FOA/DRU/CC (notes 3, 4) (may be delegated to NAF/CC and Center/CC)
9		Foreign military during participation in exercises sponsored or directed by CJCS, unified commanders, and USAF component commanders of unified commands, which include combined operations of US and foreign forces. (Ref. DoD 4515.13-R, Chapter 2.) (notes 6a, 7) (note 1 N/A)	MAJCOM/CC (note 3)
10		Foreign military personnel who receive flight training at AF training installations are given flying privileges that correspond to their course of training. (Ref. DoD 4515.13-R, Chapter 2, and AFI 11-401, Chapter 1 .) (note 6a) (note 1 N/A)	Applicable Training Unit Commander

Line	A	B	C
	Type of Flight	Authorized Participants	Approval Authority
11		Foreign military not listed above. (Ref. AFI 11-401, Chapter 1.) (note 6)	HQ USAF/XOO
12		US citizens, when in direct support of the approving command. (Ref. DoD 4515.13-R, Chapter 10.) (note 8)	MAJCOM/CC (notes 3, 4)
13		Active-duty and Air Reserve Component (ARC) military (all grades) and DoD civilian equivalents (all grades)	MAJCOM/DO (notes 3, 9) (may be delegated but not lower than WG/CC or equivalent level)
14		Service Academy and ROTC cadets and midshipmen (notes 10, 20)	
15		Junior ROTC, Civil Air Patrol, Explorer Scouts	
16		FAA employees (comply with DoD 4515.13-R, Chapter 4.)	
17		Civilian employees of DoD contractors (note 11)	
18	Incentive orientation flight	USAF active-duty and ARC military members	
19	Spouse orientation flight	Spouses of US active-duty and ARC military members	
20	Orientation flights in non-USAF aircraft	USAF active-duty and ARC military members (note 1 N/A)	WG/CC or equivalent level (determines line of duty status)
21	Point-to-point flights		MAJCOM/CC (notes 3, 4, 5); SECAF for Line 1
22	Public Affairs orientation flights	Community relations: civic leaders; community youth programs (note 17); US citizens who, because of position and contacts with various public	Local orientation flight (note 12) WG/FOA/DRU/CC
23		organizations, can make positive contributions to public understanding of the roles and missions of the Air Force (note 18)	Non-local orientation flight (note 13) MAJCOM/CC (notes 3, 4)
24	Media travel/ orientation flight	News media	See AFI 35-101
25	All other orientation flights	Not listed above	HQ USAF/CV (note 19)

NOTES:

1. "Orientation flights" are defined as "continuous flights in DoD-owned aircraft that depart and return to the same location without stopping at another location." "Note 1 N/A," means the category of flight is not considered an orientation flight; however, it is included in the table as a consolidated reference source.
2. Requests for point-to-point travel must be specifically addressed and approved by SECAF. Retiring Members of the Congress and retiring congressional staff members may be flown on orientation flights only upon the written approval of the Assistant Secretary of Defense for Legislative Affairs (ASD[LA]). (Ref. DSD Memo, 23 Dec 1996.)
3. When aircraft are "chopped" or assigned to a gaining Commander-in-Chief (CINC), approval authority will be the Commander Air Force Forces (COMAFFOR) or Theater Special Operations Command (SOC) commander.
4. Superintendent is approval authority for USAFA.
5. Inform AF/CC/XO/XOO, if approved.
6. Flights involving foreign nationals must be reviewed for foreign disclosure requirements and political concerns. Note: Foreign military "civilian equivalents" are comparable to DoD "civilian equivalents."
 - a. Ensure foreign disclosure requirements and base visit requests are satisfied according to AFI 16-201, *Disclosure of Military Information to Foreign Governments and International Organizations*.
 - b. Coordinate with the country director in the appropriate SAF/IA regional division (three-letter level), before approval, to ensure no political concerns that would prevent the flight.
7. This authorization does not include transportation to or from the exercise area or supporting flights utilized for logistics purposes only.
8. Does not include spouses of government personnel, non-DoD Federal officials, or members of Congress and their staffs.
9. 34 TRW/CC is approval authority for USAFA.
10. For foreign students enrolled in Academy or ROTC programs, ensure foreign disclosure requirements (AFI 16-201) concerning visit authorizations and disclosure of USAF information are satisfied.
11. This is not intended to allow all Government contractor employees to fly. The contractors must be performing work in direct support of the approving command (aircrew training system and aircraft maintenance contractors are the most frequent participants). Normally, the requirement for familiarization flights should be specified in the government contract. If not otherwise specified in the government contract, point-to-point orientation flights require MAJCOM/CC approval. (Ref. DoD 4515.13-R, Chapter 2.)

12. For public affairs orientation flight purposes, a local orientation flight is a continuous flight originating and ending at the same location aboard aircraft assigned to that location.
13. For public affairs orientation flight purposes, a non-local orientation flight occurs when a flight is requested from a location other than where the aircraft is assigned and returns to that location. This would require MAJCOM/CC approval.
14. Inform MAJCOM/PA.
15. Tenant unit Wing/FOA/DRUs will coordinate with host installation Public Affairs Officer (PAO) and commander.
16. Inform SAF/PA.
17. Eligible categories of community youth programs (and charitable organizations) are listed in DoD 1100.20, *Support and Services for Eligible Organizations and Activities Outside the Department of Defense*, Enclosure 2, paragraph 4.b. and Section 508 of Title 32, United States Code. Parental and/or guardian permission is required and must be approved by SAF/PA.
18. Travel, which is designed to improve relations, increase good will, or serve humanitarian purposes, does not meet the criteria.
19. Requests for exception to policy must be submitted through command channels according to DoD 4515.13-R, Chapter 10. Note: Exception to policy authority delegated from CSAF to AF/CV IAW AFI 24-101, *Passenger Movement*.
20. Cadets and midshipmen are authorized orientation flights while on leave status.

Table 1.2. (Added-AFMC) Authorizing and Manifesting Personnel for Flight on AFMC Aircraft.

PERSONNEL CATEGORY	AUTHORIZED BY	MANIFESTED ON
(Listed on AFMC Flight Authorizations)		
Aircrew Members	AFI 11-401	AFMC Form 82/83
OPS Support Fliers		
Maintenance Engineering Support Personnel (MESP)/Mission Essential Ground Personnel (MEGP)		
Orientation Fliers		
Government Contract Flyers	IAW Table 1.3.	
	AFMC Form 81, AFJI 10-220	
Passengers	DoD 4515.13-R	DD Form 2131 (Passenger Manifest)

Table 1.3. (Added-AFMC) AFMC Orientation Flight Approval Summary (See also AFI 11-401, Table 1.1.)

Line	A Type of Flight	B If Individual Is	C Then the Approval Authority Is	D Notes
1	Distinguished Visitor (DV) flights	Members of Congress and their staffs	SECAF via SAF/LL	1, 2, 4, 9
2		Federal and foreign government officials	AFMC/CC	1, 2, 3, 4, 9, 10, 12
3		US ambassadors and their senior deputies		1, 2, 3, 4, 9, 10
4	Familiarization flights	Foreign nationals working for the DoD		1, 2, 3, 4, 9, 10, 12
5		Foreign civilians	HQ USAF/CV	
6		Foreign military (Brig Gen and above or civilian equivalent)	AFMC/CC	
7		Foreign military (Brig Gen and above or civilian equivalent) - not within MAJCOM channels	HQ USAF/XOO	
8		Foreign military (Col and below or civilian equivalent)	AFMC/CC	
9		Foreign military during exercise participation	AFMC/CC	
10		Foreign military receiving USAF flight training	Training Unit Commander	10, 12
11		Foreign military not listed above	HQ USAF/XOO	1, 2, 3, 4, 9, 10, 12
12		US citizens, when directly supporting AFMC	AFMC/CC	1, 2, 4, 9
13		Active duty and Air Reserve Component military (all grades) and DoD civilian equivalents	HQ AFMC/DO (Delegated to local Wing/CC)	5, 6, 7
14		Service Academy and ROTC cadets		
15		Junior ROTC, Civil Air Patrol, Explorer Scouts		
16		FAA employees (comply with DoD 4515.13-R, Chapter 4, para. C.6)		
17		Civilian Employees of DoD contractors		

Line	A	B	C	D
	Type of Flight	If Individual Is	Then the Approval Authority Is	Notes
18	Incentive/ Orientation flights	USAF active-duty and ARC military members		
19	Spouse orientation flights	Spouses of active-duty and ARC military members		5, 6, 13
20	Orientation flights in non-USAF aircraft	USAF active-duty and ARC military members	Wing/CC	5, 6
21	Point-to-Point flights		AFMC/CC SECAF for Line 1	1, 2, 4, 9
22	Public Affairs orientation flights	Community Relations: civic leaders; community youth programs; US citizens who, because of position and contacts with various public organizations, can make positive contributions to public understanding of the roles and missions of the Air Force	Local orientation flight-Wing/CC	8
23			Non-local orientation flight AFMC/CC	1,2,8,9, 10
24	Media travel/ orientation flight	News media (local/regional representative)	Local travel-Wing/CC	8, 11
			Non-local travel- AFMC/CC and SAF/PA	1, 2, 8, 9, 10, 11
		News media (national/ international representative)	Local travel-AFMC/CC	
			Non-local travel- AFMC/CC and SAF/PA	
25	All other orientation flights and public affairs travel		HQ USAF/CV	1, 2, 3, 4, 7, 9, 10

Notes:

1. Package, with request fully justified, must be forwarded to HQ AFMC/DOO at least 30 days prior to planned flight.
2. Package must include concurrence of the Center/CC for test center assigned aircraft or System Program Director for aircraft assigned or leased to contractors. Concurrence may be in the form of an e-mail message, memo, etc.
3. HQ AFMC/DOO will ensure HQ AFSAC/IAD receives copies of requests for foreign orientation flights. Approval memos will state that disclosure is limited to activities permitted in AFI 16-201.
4. Orientation flights on developmental aircraft may require additional levels of approval (SECAF for Congressmen, etc.).
5. Flying units without a wing commander may send requests to HQ AFMC/DOO for approval. The Center/CC or directorate heads may also approve these personnel for flying for those units without a wing commander.
6. For Non-AFMC General/Flag Officers and equivalent ranking civilian personnel (SES) notify HQ AFMC/DOO at least 10 days prior to event.
7. For contractors, the requirement for familiarization flights will normally be specified in the contract. Individual must be engaged in direct support of a DoD program.
8. News media representatives are normally staffed through the base public affairs offices.
9. Include planned orientation flight profile.
10. Flights with foreign nationals require coordination with SAF/IA prior to approval.
11. See AFI 35-101 Section 6G, *Supporting Media Travel*, for additional information.
12. Initiate clearance with local foreign disclosure office.
13. HQ AFMC/DOO approves spouse orientation flight and taxi programs. Wing CC is the flight approval authority.

1.10. Authorization to Perform Inflight Duties in Air Force Aircraft..

1.10.1. A person may not perform duties in Air Force aircraft unless specifically authorized and physically qualified (member cannot be in Duty Not to Include Flying [DNIF] status) and current in physiological training (if applicable or on an approved waiver). IAW AFI 11-202, Vol 1, individuals will not be scheduled to fly when they are delinquent in physiological training. Unit commanders may restrict individuals from performing inflight duties in the unit assigned aircraft when such performance may adversely impact safety, morale, or mission accomplishment. Commanders (including unit commanders) may authorize the following to perform aircrew and operational support duties onboard Air Force aircraft:

1.10.1. (AFMC) DFOs may authorize non-AFMC personnel to perform aircrew or operational support duties in AFMC aircraft. Supervisors must ensure AFMC personnel do not perform in-flight duties on any aircraft unless they are required, authorized, and qualified. Contact HQ AFMC/DOO if there are any questions related to flying duties. Flying only for time to qualify for hazardous duty pay is prohibited. Previous qualification training from non-AFMC sources may be accepted or retraining conducted as required. DFOs or flying unit commanders delegated this authority will determine what

flight documentation personnel from outside their unit must provide to show they meet flight prerequisites. **Table 1.4.** lists prerequisites for personnel to fly on AFMC aircraft.

Table 1.4. (Added) (AFMC) Personnel Prerequisites for Flight on AFMC Aircraft.

Personnel Category (Listed on AFMC Flight Authorizations)	Prerequisites				
	Aeronautical Order AFI 11-401	Physiological Training AFI 11-403	Flight Physical AFI 48-123	Egress Training AFI 11-301	One-time Ground Training AFI 11-202 VOL 1, AFMC Sup1
Crewmembers and OPS Support Fliers	X	X	X	X	X
Non-Qualified Crewmember		X	X	X	Note 3
MESP		Notes 1, 2	Note 2	X	
Orientation Fliers		Note 4	Note 5	X	
MEGP				Note 6	

Notes:

1. Flights conducted entirely below 18,000 feet do not require physiological training.
2. Medical recommendation/clearance to fly and physiological training, if required, will be accomplished IAW AFI 48-123, AFMC Sup 1. Physiological training is not required for MESP's in non-ejection seat aircraft per USAF/XOOT memo of 17 Sep 1996.
3. Required if individual will occupy a crew position with controls that could affect flight safety.
4. Non-crewmember orientation fliers may not require physiological training. See AFI 11-403, *Aerospace Physiological Training Program*, for a complete listing of requirements.
5. Qualified Medical Personnel must clear orientation flyers prior to flying. Flight Surgeon will specify the clearance expiration date.
6. MEGPs will receive abbreviated egress training IAW AFI 11-301, AFMC Sup 1, para 13.11.5.1 and 13.11.5.1.5. MEGPs are a category of passenger and may not fly in ejection seat aircraft per DoD 4515.13R.

1.10.1.1. Qualified members of US military services who hold a current aeronautical rating, and are on AOs to take part in frequent and regular flights.

1.10.1.1. (AFMC) Aircrew assigned to HQ AFMC/DOO or HQ AFMC/DOV in API-8 officer positions or API-D enlisted positions are authorized to fly on any AFMC aircraft during any

mission. They may perform aircrew duties if current and qualified in the aircraft to be flown or if monitored by an instructor.

1.10.1.2. Qualified nonrated officers and enlisted personnel of US military services on AOs required to perform mission essential inflight duties on a full time basis as an aircrew member.

1.10.1.2. (AFMC) Aircrew and mission crew positions must be listed in AFI 65-503, *US Air Force Cost and Planning Factors*. Supervisors at all levels must ensure that the number of nonrated crewmembers on active status is the minimum necessary to complete the unit's mission and does not exceed authorized aircrew manning positions. Flying solely for the purpose of accumulating time to qualify for incentive pay or hazardous duty pay is prohibited. When these personnel are no longer required to fly to accomplish the unit's mission, their aeronautical orders will be terminated IAW AFI 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Badges*.

1.10.1.3. Operational support fliers on AOs required to perform essential specific inflight duties on an occasional basis that cannot be accomplished by regularly assigned crew members, and other nonrated members who fly occasionally to perform specific official tasks.

1.10.1.3. (AFMC) Limit the number of operational support flyers to the minimum necessary to complete the unit's mission. Flying solely for time to qualify for hazardous duty pay is not authorized. Operational support flyers must be placed on aeronautical orders and have man-years available in order to fly. These flyers will be assigned FSC C.

1.10.1.4. Personnel authorized by competent authority to receive instruction in aircrew duties at Air Force schools.

1.10.1.5. Professionally qualified civilian employees of the US Government. MAJCOM commanders determine individual qualifications. (See paragraph 1.8.)

1.10.1.5.1. (Added-AFMC) US Government civilian employees will meet the same proficiency, currency, and medical standards as military members in like positions. Flying must be specified in the member's current duty position description (PD) or AF Core Document (CD). US Government civilian flying time will not be entered in ARMS (formerly AFORMS).

1.10.1.5.2. (Added-AFMC) Use AFMC Form 81 to request and authorize this status. This form must be accomplished for each appropriate US Government civilian employee and approved by the unit's DFO (may be delegated to the flying unit commander). If the US government civilian employee does not have a training folder and AF Form 1381, the justification block of AFMC Form 81 will list missions he/she is authorized to perform, and will be updated as qualification status changes.

1.10.1.6. Qualified employees or prospective employees of a government contractor according to the terms and conditions of a current government contract. (See paragraph 1.8.)

1.10.1.6. (AFMC) AFJI 10-220 (as supplemented or as stated in the current contract) sets the proficiency, currency, and medical standards of US Government contractor aircrew members. For US Government contractor personnel (including maintenance and test engineers) not covered by AFJI 10-220, an AFMC Form 81 must be accomplished annually and approved by the unit's DFO (may be delegated to the flying unit commander). Contractor personnel not covered by AFJI 10-220 will meet the same proficiency, currency, and medical standards as military members in like positions. Exception: contractor mission crewmembers not covered by AFJI 10-220, will

meet FAA medical requirements for the current crew position. Contractor crewmembers' flight time will not be entered into ARMS and record reviews are not required.

1.10.1.6.1. (Added-AFMC) In the Justification block of AFMC Form 81 list missions a contract member is authorized to perform. Reaccomplish this form annually or as qualification status changes. If a US government contractor not covered by AFJI 10-220, does not have a training folder and AF Form 1381, the justification block of AFMC Form 81 will list missions he/she is authorized to perform, and will be updated as qualification status changes.

1.10.1.7. Foreign nationals according to [Section 1C](#) of this instruction.

1.10.1.8. US Air Force Academy cadets, Air Force Reserve Officer Training Corps (ROTC) cadets, Uniformed Services University of Health Sciences (USUHS) and Health Professions Scholarship Program (HPSP) students participating in aviation related activities, and Civil Air Patrol (CAP) cadets are authorized to participate in flying duties as observers, in a special training status, on missions as determined by the MAJCOM. HARM offices will process AOs for such cadets or students. Neither flying incentive pay nor flying duty credit are authorized.

1.10.1.8. (AFMC) All personnel in this category will be entered on the flight authorization as XA (other aircrew). They are not in an orientation flight category. Units will ensure that participants possess aeronautical orders, current physical, and physiological training.

1.10.1.9. (Added-AFMC) HQ AFMC/DOO must approve any aircrew member who will perform in-flight duties on a continuing basis if the aircraft's listing in AFI 65-503 does not include that specialty as part of the crew complement (e.g. a boom operator on an E-3B). These aircrew members must never be used in lieu of an aircrew member qualified in the aircraft and these duties cannot be used to justify aircrew status.

1.10.1.9.1. (Added-AFMC) Nonrated personnel flying under provisions of para. **1.10.1.9** will log flight duty code "MA" primary time on the AFTO Form 781 only when performing authorized in-flight duties.

1.10.1.10. (Added-AFMC) AFMC general officers and colonels authorized by AFMC/CC may fly on any AFMC aircraft and any AFMC mission except those listed in para **1.10.3.1.** of this supplement. There are no additional in-flight restrictions imposed on these sorties, which must be flown in accordance with this supplement and AFI 11-202 Vol 3, AFMC Sup 1. DFOs must exercise sound judgment when determining specific flight profiles. These flights are not considered orientation flights. Physiological training is not required for transport/cargo aircraft. Members must be cleared to fly by the flight surgeon prior to flying.

1.10.1.10.1. (Added-AFMC) General officers may fly in one of three distinct categories: (1) General Officer Operational Flying positions, (2) Indoctrination Flying positions, and (3) Nonrated positions. General officers in the first category maintain a qualification per AFI 11-202, Vol 1, and AFI 11-2FT, Vol 1. General officers in the second category will not maintain aircraft qualification. Flying under indoctrination status is covered in AFI 11-401, para. 2.16. Use "OP" or "ON" for crew position. General officers in the third category desiring to fly must forward their request to HQ AFMC/DOO. Nonrated general officers in command of certain AFMC units (e.g. ALC/CC) may fly as required to maintain familiarity with the operation. They may be placed on flight orders without listing a crew position or they may be listed on a passenger manifest. Flight prerequisites are the same as those for non-qualified crewmembers in **Table 1.4.**

1.10.2. Do not assign family members to fly on the same aircraft for a given mission as aircrew members or as aircrew and passenger. This paragraph does not apply when both members are flying in passenger status. A family member is defined as spouse, brother, sister, parent, or child. MAJCOMs are authorized to waive this prohibition on a case-by-case basis, only when unusual conditions dictate.

1.10.3. (Added-AFMC) Crew requirements: **Table 1.5.** lists pilot requirements and restrictions when flying AFMC aircraft. Civilian visitors may not operate a set of flight controls on any aircraft.

Table 1.5. (Added) (AFMC) Pilot Requirements and Restrictions.

Rule	A If Aircraft Is	B And If	C Then Pi- lot(s)(Note 1)	D And	E Exceptions and Restric- tions(Note 2)
1	Cargo Tanker Bomber	A passenger or individual on an incentive flight is onboard	Must be a MP (MC for co-pilots) or higher	Other aircrew members must be qualified or monitored by instructor of the same specialty	DFOs may authorize one FP to fly with an MP or IP.
2	E-3 E-8 T-39	A VIP or Non-qualified person occupies a mandatory pilot position	In command must be an IP	Another qualified pilot must be onboard, and no passengers will be onboard	<p>1. DFOs may authorize:</p> <p>a. Non-pilots to occupy a pilot position only during non-critical phases of flight in day VMC.</p> <p>b. Non-qualified pilots to occupy a pilot position during critical phases of flight if the need is fully justified.</p> <p>c. A waiver to the requirement to have an additional pilot onboard on a case-by-case basis.</p> <p>2. Another qualified pilot is not required when the IP is training pilot(s), when flight is part of a TPS syllabus, or qual/eval flights IAW AFI 11-202, Vol 1.</p>

Rule	A If Aircraft Is	B And If	C Then Pilot(s) (Note 1)	D And	E Exceptions and Restrictions (Note 2)
3	Fighter (Note 3) Trainer (Note 3)	A non-qualified pilot occupies the mandatory pilot position or will perform takeoffs or landings from any position	In command must be an IP		DFOs may authorize non-qualified pilots to occupy the mandatory pilot position if the need is fully justified.
4	U-2/TR-1	A VIP or non-pilot on an orientation flight occupies a position with a set of flight controls			DFOs may authorize highly qualified MPs to fly non-VIP military personnel on orientation flights.
5	All Aircraft	A MESP occupies a position with a set of flight controls	In command must be a MP or higher		MESPs must not occupy a mandatory pilot position (Note 3).
6	Helicopters	A person other than a qualified helicopter pilot occupies a pilot position	In command must be an IP		The IP must perform all maneuvers during critical phases of flight and occupy the right seat pilot position except when training unqualified helicopter pilots or qual flight IAW AFI 11-2FT, vol 1. For UH-1, refer to AFI 11-401, para 1.12.2.3.

Notes:

1. Pilots in this column must be current and qualified.
2. Document DFO authorizations/waivers in writing (method determined locally).
3. Dual cockpit fighters and trainers have only one mandatory pilot position.
 - 1.10.3.1. (Added-AFMC) Only mission qualified, mission essential aircrew and operational support flyers will fly on:

1.10.3.1.1. (Added-AFMC) Functional check flights (except O-8F). Exception: Minimum number of maintenance technicians needed to perform airborne FCF duties that the aircrew cannot complete may be flown on FCFs as MESPs. This does not preclude requisite training for crewmembers undergoing FCF mission qualification IAW AFI 11-2FT Volume 1.

1.10.3.1.2. (Added-AFMC) The first flight of a new aircraft.

1.10.3.1.3. (Added-AFMC) Aircraft carrying hazardous materials (AFMAN 24-204, *Preparing Hazardous Materials for Military Air Shipments*).

1.10.3.1.4. (Added-AFMC) Flights that the DFO or other authority defines as hazardous.

1.10.3.1.5. (Added-AFMC) Flights to identify the flight characteristics of aircraft altered by a configuration change.

1.10.3.1.6. (Added-AFMC) Flights to test or check the structural integrity of airframes or engines.

1.10.3.1.7. (Added-AFMC) Flights to discover or expand flight envelopes.

1.10.3.1.8. (Added-AFMC) Record attempts.

1.11. Authorization to Perform Inflight Duties in Non-US Air Force Aircraft..

1.11. (AFMC) Send requests not covered below to HQ AFMC/DOO.

1.11.1. With MAJCOM approval, aircrew members may perform appropriate duties in non-US Air Force aircraft if it is in the interest of the US Government, approved by the authority who controls the aircraft, and the members are qualified and if applicable, licensed to perform such duties. Prior to authorizing these missions, MAJCOMs will ensure a valid requirement for a USAF aircrew member to operationally fly exists, which cannot be accomplished in USAF aircraft. Requests to fly solely for the purpose of qualifying for incentive pay or Operational Flying Duty Accumulator (OFDA) credit will not be approved.

NOTE:

Performing these duties does not remove military personnel from line-of-duty determination status. When aircrew members are not assigned to API 7 or API G coded positions, MAJCOMs must provide the member's HARM office with a letter of justification authorizing the member to perform official aircrew duties in non-US Air Force aircraft and log flying time (See [Table A3.1.](#)). In addition, Wing/CCs or equivalents must authorize orientation flights in non-USAF aircraft for USAF aircrew members.

1.11.2. (Added-AFMC) HQ AFMC/DOV flight examiners are authorized to conduct aircrew evaluations IAW AFJI 10-220.

1.11.3. (Added-AFMC) AFMC personnel, who have been approved by the USAF Test Pilot School Commandant, may perform their aircrew specialties, or perform in capacities as licensed by the FAA, in gliders and other non-USAF aircraft in conjunction with the USAF Test Pilot School curriculum.

1.11.4. (Added-AFMC) Flights are authorized in non-USAF aircraft used to conduct an approved USAF test program.

1.11.5. (Added-AFMC) Commanders may authorize AFMC personnel to participate in orientation/evaluation and qualitative flights in non-USAF aircraft (including contractor owned or operated)

provided there is duty related justification for the individual to fly and the flights have been evaluated by a safety review process that, as a minimum, examines the following areas:

- 1.11.5.1. (Added-AFMC) FAA airworthiness certification of civilian aircraft.
- 1.11.5.2. (Added-AFMC) Performance envelope of the aircraft.
- 1.11.5.3. (Added-AFMC) Orientation/evaluation flight profile.
- 1.11.5.4. (Added-AFMC) Qualification of the participating AFMC personnel.
- 1.11.5.5. (Added-AFMC) Qualification of the participating non-AFMC personnel.
- 1.11.6. (Added-AFMC) Flights are authorized while participating in Test Pilot School field trips.

1.12. Requirements for Pilots in Dual Controlled Aircraft..

1.12.1. Every flight in a dual-controlled aircraft requires two pilots with current qualification in the type aircraft being flown. Anytime an individual not fully qualified in the specific mission-design-series (MDS) being flown occupies a pilot's seat (with a set of controls); a current and qualified instructor pilot will occupy the other seat. **EXCEPTIONS:**

1.12.1. (AFMC) Subject to the restrictions in AFI 11-401, this instruction in general and table 1.5. specifically, DFO's may authorize non-pilots to occupy a pilot position. Note: Two seat fighters and T-38s are not considered dual controlled aircraft.

1.12.1.1. If operational, command mission requirements, or MDS-specific instructions dictate that these requirements are not practical.

1.12.1.2. To accommodate training programs for checkout or continuation programs.

1.12.1.3. If the crew composition requires another rated specialty (such as a weapons system officer).

1.12.1.4. To accommodate established programs (for example, indoctrination and orientation programs).

1.12.1.5. Flight surgeons and MAJCOM-designated Flight Test Engineers who take part in flights in dual-controlled aircraft.

1.12.2. At no time will an individual who is not fully qualified in the specific type aircraft being flown occupy any pilot's seat (with a set of controls) with passengers on board the aircraft.

EXCEPTIONS:

1.12.2.1. To accommodate training objectives required by formal training programs. This exception allows passengers, when they are an integral part of the overall mission being performed (e.g., Pararescue, Rangers, CCT, SEALs, etc.) and their presence is required by the training syllabus, to be on board the aircraft. During such times, a current and qualified instructor pilot will occupy the other pilot's seat.

1.12.2.2. In order to accommodate training objectives, unqualified pilots, who are authorized to obtain and maintain qualification in a particular MDS aircraft, may occupy a pilot's seat for purposes of conducting training when mission essential ground personnel (MEGP) are on board the aircraft (MEGP or equivalent status are as defined by MAJCOM in MAJCOM supplements to this instruction), and:

1.12.2.2.1. The MEGP perform unique support duties directly related and essential to the particular aircraft or mission being flown, e.g., a flying crew chief or security team required to guard the aircraft at enroute or destination stops.

1.12.2.2.2. The OG/CC (or equivalent) grants MEGP or equivalent status with operational control of the aircraft being flown. MEGP may only fly on aircraft capable of carrying passengers IAW the provisions of DoD 4515.13-R.

1.12.2.2.3. During such times, a current and qualified instructor pilot will occupy the other pilot's seat.

1.12.2.2.4. Pilots who are not authorized to obtain or maintain aircraft qualification will not occupy a seat with a set of controls with passengers or MEGP on board.

1.12.2.3. UH-1 helicopters may be operated with a single pilot on passenger-carrying missions when operational or command mission requirements dictate that two pilots are not practical, and according to the Dash 1 for IMC/VMC flight. In addition, the copilot seat may be used for passengers and/or MEGP as defined and directed by the MAJCOM. Under no circumstances will a passenger or MEGP be given control of the aircraft.

Section 1C—Flying by Military and Civilian Personnel of Foreign Nations in USAF Aircraft

1.13. Air Force Policy.. The foreign military personnel listed below are authorized to take part in flights in US Air Force aircraft. Other foreign military personnel (for example, air attaches, other representatives of foreign air forces in Washington, D.C., and Foreign Military Sales [FMS] personnel and Military Assistance Program [MAP] personnel) should be advised to obtain a waiver of flying requirements from their own government for the duration of their tour in the continental United States (CONUS).

1.13.1. Foreign officers who serve in the US Air Force under the exchange program described in AFI 16-107, *International Personnel Exchange Program (PEP)*, and perform required frequent and regular flights as part of their duties, are given flying privileges according to this instruction.

1.13.2. Foreign military personnel who receive flight training at Air Force training installations are given flying privileges that correspond to their course of training.

1.13.3. Foreign military personnel assigned or attached to the US Air Force or a joint staff, whose duties require such flights as part of combined operations or exercises.

1.13.4. In overseas commands, subject to approval of the proper commander and following the command administrative procedures, military personnel of friendly foreign nations may take part as aircrew members in flights of US Air Force aircraft operated by the MAJCOM, Defense Intelligence Agency (DIA), US Military Groups (USMILGP), Missions, and Military Assistance Advisory Groups (MAAG) when: the individual is physically, physiologically, professionally, and administratively qualified; a fully qualified US Air Force pilot occupies a pilot position during aircraft operations; and when required by the MAJCOMs, DIA, USMILGP, Missions, or MAAG to help complete their mission.

1.13.5. If not otherwise provided for in this instruction, other foreign military personnel stationed at CONUS installations whose duties require them to fly in US Air Force aircraft must request approval according to paragraph **1.16.**

1.14. Flight Authorizations..

1.14.1. Air Force flying unit commanders may, within the foregoing policy, authorize physically, physiologically, professionally, and administratively qualified military personnel of foreign nations to take part as aircrew members according to this instruction. Although foreign military personnel who take part in flying duties in US Air Force aircraft do not serve in command positions, exchange officers, FMS personnel, and MAP trainees may serve as pilot in command of single-place, multi-place, or formations of aircraft provided they qualify according to the standards set for a US Air Force pilot.

1.14.2. Foreign military personnel must have official flying records and medical certifications in their possession when they request flight duties in US Air Force aircraft or report to a flying unit for these duties. After the request for flying is approved, the applicant must fulfill US Air Force physiological training requirements before flying.

1.14.2.1. Foreign military aircrew will be placed in US Air Force Preventive Health Assessment cycle per AFI 48-123. Medical grounding management will be analogous to US Air Force standards. However, per NATO STANAG 3526 AMD and ASCC agreements, NATO and ASCC allies' home nations will maintain waiver authority unless otherwise delegated in a Memorandum of Understanding.

1.14.3. Flights will be at the minimum level of difficulty consistent with performance of assigned duties. When possible, flights will not exceed either the monthly minimum for pay and currency required by the individual's country or the training level specified in the applicable MDS-specific aircrew training publications, whichever is greater.

1.15. Procedures for Processing Requests That Require HQ USAF Approval..

1.15.1. Except as provided in paragraphs 1.13. and 1.14., foreign military personnel with requirements for frequent flights for career or service status purposes, or operational needs, must submit a written request through the local base flight management activity and the proper MAJCOM to SAF/IAD, International Affairs Division, 1080 Air Force Pentagon, Washington DC 20330-1080, in turn. The letter must include:

1.15.1.1. The name, grade, service identification number, and duty status of the applicant.

1.15.1.2. Certification of flight status, including rating and date of rating.

1.15.1.3. A brief summary of the individual's flight history including types of aircraft and number of hours per type aircraft the applicant has flown, date of last flight, and inclusive dates of last 100 hours of flying time.

1.15.1.4. The minimum monthly and annual flight requirements of his or her country.

1.15.1.5. A statement that the applicant is required by his or her air service to fly in order to keep rated status, to avoid jeopardizing service or career status, and to meet flight requirements for pay purposes, and such flight requirements cannot be waived by the service authorities of his or her country.

1.15.1.6. A statement that US Air Force aircrew members are authorized reciprocal privileges in the applicant's country.

1.15.2. Base flight management activity endorsement must state the applicant's flight records are correct. It should include comments such as the base's resource capability to absorb the applicant within the local flying program.

1.15.3. The MAJCOM reviews the request and sends it to SAF/IAD with comments and recommendations.

1.15.4. SAF/IAD requests the foreign air attaché in Washington, DC to verify the information on the request and the applicant's statement of flying requirements, to advise whether the requirements can be waived, and to affirm reciprocal flying privileges for US Air Force personnel. With this information, SAF/IAD approves or disapproves the request subject to concurrence by the appropriate HQ USAF OPR (based upon type of aircraft), then advises the foreign attaché and the applicant through MAJCOM channels.

1.16. Requests for Exception.. Submit requests concerning foreign personnel to take part in flights in USAF aircraft under conditions other than provided in this instruction or DoD 4515.13-R to HQ USAF/XOO. MAJCOM and FOA commanders may approve orientation flights for foreign military or civilian equivalents within their area of responsibility, according to [Table 1.1](#) of this instruction, provided all foreign disclosure requirements (AFI 16-201) concerning visit authorizations and disclosure of USAF information are satisfied.

Section 1D—Air Force Crew Ratio Process

1.17. Purpose.. This section provides guidelines and policy for determining and validating aircrew ratios. It applies only to MAJCOM aircraft where aircrew ratios determine authorized crew complement and manning.

1.18. Responsibilities..

1.18.1. MAJCOMs (including Air Force Reserve Command and ANG) initiate proposed changes to existing aircrew ratios or the establishment of aircrew ratios for new aircraft. MAJCOMs should include a detailed analysis of aircraft mission tasking and associated assumptions. Both wartime and peacetime (funded) aircrew ratios should be addressed. If the peacetime (funded) aircrew ratio is higher than wartime, specific justification should be outlined. This documentation, with rationale for changing or establishing the aircrew ratio, should be forwarded to HQ USAF/XPP after coordination with other MAJCOMs having like aircraft.

1.18.2. HQ USAF (XPP in coordination with XOO) will forward approval or disapproval to the respective MAJCOM. MAJCOMs should seek funding approval through the normal budget process. HQ USAF/XOOT will use funded aircrew ratios to update peacetime rated requirements. AFI 65-503, *USAF Cost and Planning Factors Guide*, Attachment A36-1, *Authorized Aircrew Composition – Active Forces*.

1.19. (Added-AFMC) Each year, by 15 October, all units shall forward a summary of orientation flights and participants to HQ AFMC/DOO. For point to point orientation flights, list departure base, destination base, and reason flight was not accomplished in the local area. Negative replies are required.

1.20. (Added-AFMC) Semiannually, in April and October, flying units will send a report to HQ AFMC/DOO and HQ AFMC/DOV showing aircraft and aircrew qualification of all assigned or attached aircrew and mission crewmembers. Semiannually, in April and October, DFOs will send a list to HQ AFMC/DOO of flying unit commanders and operations officers, unit and wing chiefs of standardization/evaluation branches, and unit and wing chiefs of training as applicable. Include in the list the name, rank, phone and fax number, and e-mail address. The reporting procedures in this paragraph are exempt from licensing in accordance with AFI 33-324, *The Information Collections and Reports Management Program; Controlling Internal, Public, and Interagency Air Force Information Collections*, para. 2.11.12.

1.21. (Added-AFMC) AFMC flying units may supplement this instruction. Send a copy of each supplement to HQ AFMC/DOO and HQ AFMC/DOV for coordination and approval prior to issue.

1.22. (Added-AFMC) Annually, in January, flying units will submit an MESP Flying Report to HQ AFMC/DOO. The report will include the following categories: individual's name, rank/grade, status (military, DoD civilian, contractor), date flown, number of sorties and hours, purpose of individual flying. Negative replies are required. The reporting procedures in this paragraph are exempt from licensing in accordance with AFI 33-324, para. 2.11.12.

Chapter 2

FLIGHT MANAGEMENT POLICIES

Section 2A—Flying Program

2.1. Rated Officer and Career Enlisted Aviator (CEA) Flying Program.. The rated officer and CEA inventory requires close management ensuring a high state of readiness is maintained with available resources. The authorized rated inventory includes lieutenant colonels and below and CEAs. To manage these as well as other aircrew positions, aircrew position indicator (API) codes are assigned to identify these positions. **NOTE:** API 1-0 applies to all officers, and A-Z applies to CEA personnel ([Table 2.1.](#)).

Table 2.1. Aircrew Position Indicator (API) Codes.

Aircrew Position Indicator (API) Codes	Explanation	Remarks
1	Pilot positions used primarily for cockpit duty.	See Note 1
2	Navigator or observer positions used primarily for cockpit duty and line flying Air Battle Manager positions.	See Note 1
3	Staff or supervisory positions at wing level and below that have responsibilities and duties that require rated expertise but which do not require the incumbent to fly.	See Note 2
4	Staff or supervisory positions above wing level that have responsibilities and duties that require rated expertise but which do not require the incumbent to fly.	See Note 2
5	Flight surgeon positions. This code is restricted to AFSC 48XX, or 40C0C with an additional AFSC of 48XX.	See Notes 3, 4, and 5
6	Staff or supervisory positions at wing level and below that have responsibilities and duties that require the incumbents to actively fly.	See Notes 2, 3 and 4
7	USAF officers not occupying a USAF rated position, but assigned to active flying duties in other than USAF units (exchange officers, etc.).	See Note 6
8	Staff or supervisory positions above wing level that have responsibilities and duties that require the incumbent to actively fly.	See Notes 3 and 4
9	Reserved for future use.	
0	Rated officers assigned to nonrated duties and all nonrated officers.	See Note 7
A	CEA positions used for line flying unit with Primary Mission Assigned Inventory (PMAI) aircraft assigned.	See Notes 1 and 4

Aircrew Position Indicator (API) Codes	Explanation	Remarks
B	Staff or supervisory positions at wing level and below that have responsibilities and duties that require the incumbent to actively fly	See Notes 2, 3, and 4
C	Staff or supervisory positions at wing level and below that have responsibilities and duties that require aircrew expertise but which do not require the incumbent to actively fly.	See Notes 4 and 8
D	Staff or supervisory positions above wing level that have responsibilities and duties that require the incumbent to fly.	See Notes 2, 3, and 4
E	Staff or supervisory positions above wing level that have responsibilities and duties that require aircrew expertise but which do not require the incumbent to actively fly.	See Notes 4 and 8
F	Crewmembers assigned to positions for OT&E, IOT & E, FMS, AMOG, and TALCE.	See Note 4
G	CEA not occupying a USAF position, but assigned to active flying duties in other than USAF units (exchange programs, etc.)	
Z	Enlisted personnel not performing CEA duties.	See Note 7

NOTES:

1. APIs 1, 2, and A are for officers and CEAs assigned to line flying positions or assigned to formal flying training programs. The primary duty of these crewmembers is flying.
2. API 3, 4, 6, 8, B, and D identify crewmembers assigned to supervisory or staff positions. These positions require aircrew expertise (API 3, 4, 6, 8, B, and D) and some require active flying (API 6, 8, B, and D).
3. If more than one crewmember is assigned to an API-5, 6, 8, B, and D position, only the primary designated incumbent will be assigned an active FAC code and fly. The MAJCOM/SGPA or higher will determine which flight surgeons are designated as the primary incumbent.
4. If replacement of the primary incumbent is necessary (for example, PCS, permanent change of assignment [PCA], etc.), the replacement may also be authorized an active FAC code, provided the overlap is not more than 30 days.
5. Qualified medical officers assigned to flight surgeon and pilot-physician positions.
6. Officers assigned to flying positions outside of USAF or duties requiring active flying with foreign services.
7. API 0 and Z identify positions not API-coded.
8. API codes C and E are for CEAs assigned to staff positions and not required to fly.

2.2. Flying Activity Codes.. Flying Activity Codes (FAC) detail the active or inactive flying activity for each duty position occupied by rated officers and CEAs ([Table 2.2.](#)).

Table 2.2. Flying Activity Codes (FAC).

Flying Activity Codes (FAC)	Explanation
1	Force. Officers in API 1, 2, 5, & 7 coded positions not associated with formal flying training.
2	Instructors, supervisors, and students (API 1, 2, 6, & 8) assigned to fly "TF" coded aircraft or training aircraft assigned to Formal Training Units or equivalent
3	Operational Supervisor. Officers in API 6, 7, or 8 coded positions not associated with formal flying training who actively fly
4	Rated Supervisor. Officers in API 3 or 4 coded positions assigned and performing aircrew duties in direct support of certain Secretary of the Air Force approved flying missions.
5	Officers not assigned to a rated position who perform aircrew duties in direct support of certain Secretary of the Air Force approved flying missions.
6	Excepted Assignment. Officers not eligible for FAC 1 through 5, whose current assignments require active temporary (180 days or less) flying. HQ USAF/XOO approves the use of this code.
7	Inactive. Officers in inactive status.
8	Inactive. Officers performing inflight nonrated duties or AVO duties.
9	Other. Reserved for use only when directed by HQ USAF.
0	Rated officers assigned to nonrated duties and not involving flying.
A	Force. CEAs in API A coded positions not associated with formal flying training.
B	Instructors, supervisors, and students (API A, B, or D) assigned to fly "TF" coded aircraft or training aircraft assigned to formal training units or equivalent.
C	Operational Supervisor. CEAs in API B or D coded positions not associated with formal flying training who actively fly.
D	CEAs assigned to AETC non-flying formal school position. (API C).
E	Excepted Assignment. CEAs not eligible for FAC A, B, C, or D, whose current assignment requires active temporary (180 days or less) flying. HQ USAF/XOO approves the use of this code.
F	CEAs assigned to OT&E, IOT&E, FMS, AMOG, and TALCE positions (API F).
G	Inactive. CEAs in inactive status (API C and E).
H	Other. Reserved for use only when directed by HQ USAF/XOO.

2.3. Aviation Service Codes (ASC).. ASCs are two-character codes that indicate incentive pay entitlement and flying status. The first character of the ASC is the entitlement status code (ESC) (**Table 2.3. and Table 2.4.**) and identifies aviation career incentive pay (ACIP), Career Enlisted Flyer Incentive Pay (CEFIP), or hazardous duty incentive pay (HDIP) entitlement status. The second character is the Flying Status Code (FSC) and identifies the current flying status. The second character is a numeric when the flier is disqualified or suspended (See **Table 2.4.**) or an alpha character for qualified individuals (See **Table 2.5..**). **Figure 2.1.** and **Figure 2.2.** graphically indicate ACIP and CEFIP entitlement status, respectively.

Table 2.3. ASC First Character (Entitlement Status Code [ESC], Rated Officers).

Aviation Career Incentive Act of 1974 Entitlement Status (First Character)		Aviation Career Improvement Act of 1989 Entitlement Status (First Character) *	
1	Continuous ACIP (0 to 12 years). A rated or student pilot, navigator, Air Battle Manager (ABM) or observer who has up to 12 years of aviation service.	1*	Continuous ACIP (0 to 12 years). A rated or student pilot, navigator, ABM, or observer who has up to 12 years of aviation service.
2	Continuous ACIP (12 to 18 years). A pilot, navigator, ABM, or observer who has from 12 to 18 years aviation service and has performed operational flying duties for at least 6 of the first 12 years of aviation service.	2*	Continuous ACIP (12 to 18 years). A pilot, navigator, ABM, or observer who has from 12 to 18 years aviation service and has performed operational flying duties for at least 8 or 9 of the first 12 years of aviation service (See Notes 1 and 2).
3	Continuous ACIP (18 to 25 years). A pilot, navigator, ABM, or observer who has 18 or more years of aviation service and has performed operational flying duties for at least 11 of the first 18 years of aviation service.	3*	Continuous ACIP (18 to 25 years). A pilot, navigator, ABM, or observer who has 18 or more years of aviation service and has performed operational flying duties for at least 12 of the first 18 years of aviation service.
4	Continuous ACIP (18 to 22 years). A pilot, navigator, ABM, or observer who has 18 or more years of aviation service and has performed operational flying duties for at least 9, but less than 11 years of the first 18 years of aviation service.	4*	Continuous ACIP (18 to 22 years). A pilot, navigator, ABM, or observer who has 18 or more years of aviation service and has performed operational flying duties for at least 10, but less than 12 years of the first 18 years of aviation service.
5	Conditional ACIP (12 to 18 years). A pilot, navigator, ABM, or observer who has from 12 to 18 years of aviation service and who did not perform operational flying duties for at least 6 of the first 12 years of aviation service. This officer must meet DoDFMR flying requirements to be entitled to receive ACIP.	5*	Conditional ACIP (12 to 18 years). A pilot, navigator, ABM, or observer who has from 12 to 18 years of aviation service and who did not perform operational flying duties for at least 8 or 9 of the first 12 years of aviation service. This officer must meet DoDFMR flying requirements to be entitled to receive ACIP. (See Notes 1 and 2)

Aviation Career Incentive Act of 1974 Entitlement Status (First Character)		Aviation Career Improvement Act of 1989 Entitlement Status (First Character) *	
6	Conditional ACIP (18 to 25 years). A pilot, navigator, ABM, or observer who has completed 18 years of aviation service and did not perform operational flying duties for at least 9 of the first 18 years of aviation service; or a pilot, navigator, or observer who has completed 22 years of aviation service and did not perform operational flying duties for at least 11 of the first 18 years of aviation service. This officer must meet DoDFMR flying requirements to be entitled to receive ACIP.	6*	Conditional ACIP (18 to 25 years). A pilot, navigator, ABM, or observer who has completed 18 years of aviation service and did not perform operational flying duties for at least 10 of the first 18 years of aviation service; or a pilot, navigator, or observer who has completed 22 years of aviation service and did not perform operational flying duties for at least 12 of the first 18 years of aviation service. This officer must meet DoDFMR flying requirements to be entitled to receive ACIP.
7	Continuous ACIP terminated. A rated officer (other than flight surgeon) who has completed 25 years of aviation service. This officer is not entitled to receive continuous ACIP, but may be entitled to receive conditional ACIP if assigned to operational flying duties and the grade is O-6 or below. General officers assigned to operational flying duties may qualify for HDIP under the DoDFMR flying requirements and Table A2.3 .		
8	Conditional ACIP (Medical). A flight surgeon ordered to participate in frequent and regular aerial flights, assigned to duties requiring such participation (API-5 position), and qualifies for conditional ACIP under DoDFMR flying requirements.		
9	Conditional HDIP. A nonrated crewmember (officer or enlisted) or operational support member ordered to participate in frequent and regular aerial flights or assigned to parachute duty, and qualifies for conditional HDIP under DoDFMR flying or jump requirements.		
0	Disqualified or Suspended. An individual disqualified or suspended from aviation service according to AFI 11-402.		

NOTES:

1. IAW FY 96 National Defense Authorization Act (NDAA), any rated officer (except Flight Surgeons) who completed, or will complete, 12 years of aviation service on, or after 10 Feb 1996, must perform 8 years or more of OFDA within their first 12 years of aviation service to qualify for continuous ACIP through 18 years of aviation service.
2. IAW FY 96 NDAA, any rated officer who completed 12 or more years of aviation service prior to 10 Feb 1996 must perform at least 9 years of OFDA within their first 12 years of aviation service to qualify for continuous ACIP through 18 years of aviation service. Rated officers who did not meet the original 9 years of OFDA and are beyond 12 years of aviation service remain entitled to conditional ACIP contingent upon meeting the monthly flying hour requirement. The DoDFMR flying requirement is four hours per month for active duty members and two hours per month for Air Reserve Component (ARC) members or pro rata shares.

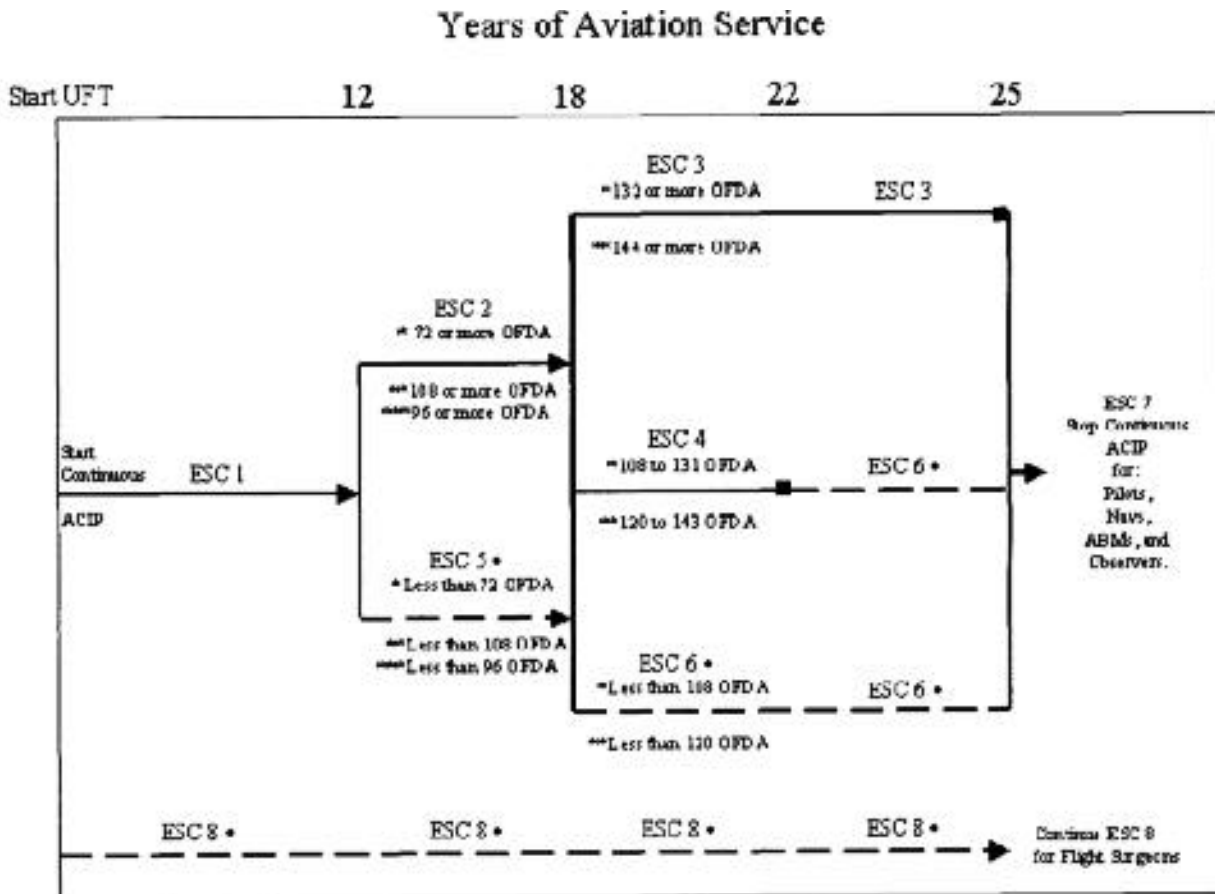
Table 2.4. ASC First Character (Entitlement Status Code [ESC], Career Enlisted Aviators).

Career Enlisted Flyer Incentive Pay Act of 1999 Entitlement Status Code (First Character)	
A	Continuous CEFIP (0 to 10 years). A CEA who has up to 10 years of aviation service.
B	Continuous CEFIP (10 to 15 years). A CEA who has 10 to 15 years of aviation service and has performed operational flying duties for at least 6 of the first 10 years of aviation service.
C	Continuous CEFIP (15 to 20 years). A CEA who has 15 to 20 years of aviation service and has performed operational flying duties for at least 9 of the first 15 years of aviation service.
D	Continuous CEFIP (20 to 25 years). A CEA who has 20 to 25 years of aviation service and has performed operational flying duties for at least 14 of the first 20 years of aviation service.
E	Conditional CEFIP (10 to 15 years). A CEA who has from 10 to 15 years of aviation service and who did not perform operational flying duties for at least 6 of the first 10 years of aviation service. This crewmember must meet the DoDFMR flying requirement to be entitled to receive CEFIP. (See note)
F	Conditional CEFIP (15 to 20 years). A CEA who has from 15 to 20 years of aviation service and who did not perform operational flying duties for at least 9 of the first 15 years of aviation service. This crewmember must meet the DoDFMR flying requirement to be entitled to receive CEFIP. (See note)
G	Conditional CEFIP (20 to 25 years). A CEA who has from 20 to 25 years of aviation service and who did not perform operational flying duties for at least 14 of the first 20 years of aviation service. This crewmember must meet the DoDFMR flying requirement to be entitled to receive CEFIP. (See note)
H	Continuous CEFIP terminated. A CEA who has completed 25 years of aviation service. This CEA is not entitled to receive continuous CEFIP, but may be entitled to receive conditional CEFIP if assigned to operational flying duties.

NOTE:

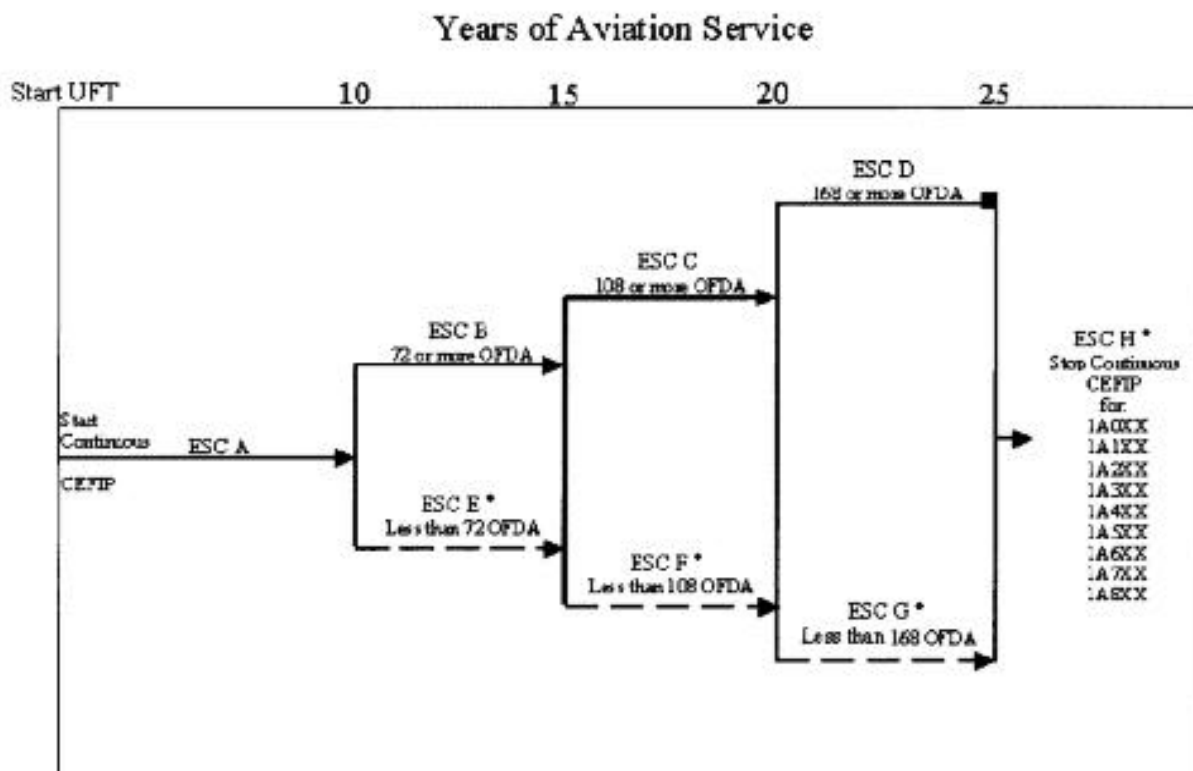
The DoDFMR flying requirement is four hours per month for active duty members and two hours per month for Air Reserve Component (ARC) members or pro rata shares.

Figure 2.1. ACIP Entitlement Status, (Rated Officers).

**LEGEND**

- Continuous ACIP
- - - Conditional ACIP • (Must Fly)
- * ACIA of 1974 OFDA Requirements
- ** ACIA of 1989 OFDA Requirements
- *** FY 96 National Defense Authorization Act
- Continuous ACIP Stopped

Figure 2.2. CEFIP Entitlement Status (Career Enlisted Aviators).

**LEGEND**

- Continuous CEFIP
- - - Conditional CEFIP • (Must Fly)
- Continuous CEFIP Stopped

Table 2.5. ASC Second Character (Flying Status Code [FSC], Disqualified or Suspended Status).

ASC Second Character--Disqualified or Suspended Status (as defined in AFI 11-402)	
0	Disqualified. Administrative Reasons.
1	Disqualified. Fear of Flying.
2	Suspended. Air Reserve Component assigned rated officer assigned to nonrated duties.
3	Disqualified. Medical disqualification.
4	Suspended. Permanent disqualification action pending. (HARM office will not assign for more than 180 days without MAJCOM approval.)
5	Disqualified. Flying Evaluation Board (FEB)/Aircrew Evaluation Board (AEB), or failure of nonrated aircrew member to attain aircrew qualification.
6	Flying or jump requirement terminated.
7	Reserved for future use.
8	Disqualified. Voluntary request.
9	Reserved for future use.

Table 2.6. ASC Second Character (Flying Status Code [FSC], Qualified Active and Inactive Flyer) (See Note 1).

A	Active-Operational Flying. A rated officer or CEA assigned to operational flying duties (excluding Undergraduate Flying Training students).
C	Active-Operational Support (Non-crewmember). An individual, other than a rated officer, CEA, or authorized nonrated aircrew member, who performs essential inflight duties which cannot be accomplished by rated, career enlisted aviator, or other nonrated aircrew members.
D	Active-Nonrated Aircrew Member. A nonrated aircrew member authorized to perform aircrew duties IAW AFIs 65-503, 11-401 and 11-402.
E	Active-Parachutist. A nonrated individual ordered to perform parachute jump duty.
G	Active-Grounded. An aircrew member assigned to operational flying duties not involving flying for a period anticipated lasting over 30 days. Assignment to FSC G will not preclude reassigning the individual to FSC S when appropriate. (See Note 2)
J	Inactive-Restricted. An aircrew member restricted from active flying while assigned to non-operational flying positions. (Includes FAC 8 flyers.)
K	Inactive-Lack of Support Capability. A rated officer or CEA who is not flying due to lack of support capability. (See paragraph 1.3.3.)
L	Inactive-School (Academic). A crewmember/parachutist assigned to a course of instruction of 90 days or more, which does not involve flying. Includes individuals in Bootstrap more than 90 days.
P	Inactive-Separated. A rated officer or CEA removed from an active flying position on separation. (See Note 2)
S	Inactive-Nonperformance. A rated officer or CEA assigned to operational flying duties (paragraph 2.4.) who did not perform required OFDA duties. (See Note 3.) Must have MAJCOM approval, if individual remains in “S” status for longer than 180 days (except if member is DNIF).
T	Inactive-Indoctrination Flier. A rated officer or CEA incumbent in a non-operational flying position approved to fly as an indoctrination flier. Authorized 24 mission days per fiscal year.
U	Active-Flying Training Student (Undergraduate). An officer undergoing flying training leading to the award of an aeronautical rating or career enlisted aviator undergoing flying training leading to the award of CEA badge.
W	Reserved for future use.
X	Active-Pipeline. An undergraduate flying training graduate from the date of graduation from pilot, navigator, Air Battle Manager, observer, or CEA training until the sign-in date at the operational duty assignment following completion of formal (Education and Training Course Announcements [ETCA]) primary aircraft training.
Z	Inactive-Air Vehicle Operator. Rated, CEA, or other nonrated member assigned to AVO duties.

NOTES:

1. The FSC indicates if a member is assigned to an active or inactive flying position and the reason for inactivity. Rated members assigned to mandatory rated flying duties must fly in an active status if otherwise qualified. If the commander determines that no flying support capability exists for these officers, assign them an inactive FSC. All rated aircrew members assigned to non-flying duties or nonrated flying are restricted from active rated flying. MAJCOMs assign support-flying priorities according to paragraph 2.8. when adequate resources are lacking.
2. AFORMS automatically generates an FSC change for ASC G, no AO is required. HARM offices will manually update the FSC P change in AFORMS and publish an AO assigning FSC P.
3. Do not process non-performance AOs for rated officers after 18 years of aviation service or CEAs after 20 years of aviation service.

2.4. Award of Operational Flying Duty Accumulator (OFDA) Credit..

To control the award of operational flying duty credit required by public law, HARM offices must assign active operational fliers (FSC A) who fail to perform flying duties to a temporary status (FSC S) until: they again meet the requirements of this instruction; are disqualified for Aviation Service; or are reassigned to non-flying duty. HARM offices will publish an AO assigning FSC P vice AFORMS assigning active rated officers separating from active duty a computer generated FSC P. The FSC P is effective on the day following the date of separation. Active rated officers and CEAs recommended for duty not involving flying (DNIF) are identified in AFORMS by a physical availability date and code. When the DNIF is expected to last more than 30 days or has lasted for 30 days, AFORMS automatically reports the member on the Headquarters Operations Resource Information System interface as FSC G. (The FSC G is for reporting purposes only.) Such personnel are entitled to Operational Flying Duty Accumulation (OFDA). An AO change is not necessary. Individuals continue to accumulate operational flying duty credit until FSC S applies.

2.4.1. The date that an ASC becomes effective determines when the member's flying or parachute duties, OFDA credit, and incentive pay start or stop. Assign the ASC effective date as follows:

2.4.1.1. Use 1 June 1974 for officers rated before 1 June 1974.

2.4.1.2. Use the individual's aviation service date for officers and CEAs entering undergraduate formal flying training or approved local initial qualification training (IQT) flying training courses where flying is part of the course.

2.4.1.3. Use the day after sign-out from the losing organization for a PCS move that requires an ASC change. **EXCEPTIONS:**

2.4.1.3.1. An officer UFT graduate, upon reaching his or her first operational duty assignment following completion of UFT, will change from an ASC "1X" to an ASC "1A" with an effective date the day he or she signs into the operational unit.

2.4.1.3.2. A CEA UFT graduate, upon reaching his or her first operational duty assignment following completion of UFT, will change from an ASC "AX" to an ASC "AA" with an effective date the day he or she signs into the operational unit.

2.4.1.4. Individuals assigned to an operational duty assignment from UFT then directly to formal training leading to initial qualification in their primary aircraft, will retain ASC 1A or AA until completion of training constituted by a flight evaluation, AF Form 8, **Certificate of Aircrew Qualification**, e.g., C-130 initial qualification.

2.4.1.5. Use the duty effective date for a change in duty that does not involve PCS and requires an ASC change.

2.4.1.5.1. For inactive aircrew approved to attend a formal flying qualification/requalification course (FAC 6), the effective date will be the class start date. Reassign an inactive ASC effective one day after the course completion date.

2.4.1.6. Use the effective date of the API code for a change to an API code, which requires an ASC change.

2.4.1.7. Rated Officers. Use the anniversary date (same month and day) plus 12, 18, 25- year aviation service dated (ASD) (22 year ASD if applicable), when passing a gate.

2.4.1.8. CEAs. Use the anniversary date (same month and day) plus 10, 15, 20, or 25- year ASD, when passing a gate.

2.4.1.9. Use the duty effective date for assignment to nonrated flying or parachute duties.

2.4.1.10. Use date as prescribed in AFI 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Badges*, for disqualification or suspension.

2.5. Transition Status Codes (TSC)..

TSCs allow the HARM office to track the OFDA requirements for rated officers, after the Air Force transitioned from the *Aviation Career Incentive Act of 1974* to the *Aviation Career Improvement Act of 1989* and the FY 96 NDAA which subsequently changed the OFDA requirement on 10 Feb 1996. The TSCs became effective on 1 Oct 1991 and will remain in effect until 1 Oct 2003. **Table 2.7.**, defines the TSCs and **Table 2.8.** shows OFDA gate requirements.

Table 2.7. Transition Status Codes (TSC).

TSC Codes	Explanation
A	Officers who had less than 6 years of aviation service on 1 October 1991
B	Officers who had at least 6, but less than 12 years of aviation service and accrued less than 72 months of OFDA on 1 October 1991.
C	Officers who had at least 6, but less than 12 years of aviation service and accrued 72 months or more of OFDA on 1 October 1991.
D	Officers who had at least 12, but less than 18 years of aviation service on 1 October 1991.
E	Officers who had 18 years or more of aviation service on 1 October 1991.

Table 2.8. OFDA Requirements Based on TSC.

TSC	ASC (See Note 1)	OFDA Months Required (See Para. 2.6.2.3.)	Aviation Service (AS)	Continuous ACIP Through
A (Note 2)	1Y	96	12 Years	18 Years AS
		120	18 Years	22 Years AS
		144	18 Years	25 Years AS
B (Note 3)	1Y	96 or 108	12 Years	18 Years AS
		120	18 Years	22 Years AS
		144	18 Years	25 Years AS
C (Note 4)	1Y	72 or 96	12 Years	18 Years AS
	Ex. A	120	18 Years	22 Years AS
		144	18 Years	25 Years AS
	Ex. B	108<132	18 Years	22 Years AS
	Ex. B	144	18 Years	25 Years AS
	Ex. C	132	18 Years	25 Years AS
D (Note 5)	2Y	72	12 Years	18 Years AS
		108	18 Years	22 Years AS
		132	18 Years	25 Years AS
E (Note 5)	XY	108	18 Years	22 Years AS
		132	18 Years	25 Years AS

NOTES:

1. Under ASC, for ASC "XY", 1, 2, or X is the incentive pay entitlement and Y is the flying or disqualified status.
2. If the rated officer at 12 years of aviation service has less than 96 months of OFDA, HARM offices will place the rated officer in "conditional" status ASC "5Y" until 18 years of aviation service when he or she will again be looked at.
3. If at 12 years of aviation service the individual has 96 months of OFDA, but less than 108 months, his or her ASC will change to "5Y" conditional status until 15 years of aviation service. This will flag in AFORMS that the individual needs to be looked at on his or her 15th year of aviation service. If the individual has 108 months of OFDA by the 15th year of aviation service, he or she will receive continuous ACIP until the 18th year of aviation service and their ASC will change to "2Y." If the individual has less than 108 months of OFDA, he or she will remain in conditional status ASC "5Y" until 18 years of aviation service, where HARM offices will again look at the individual.
4. Individuals in this category will be grandfathered to the OFDA requirements under the ACIA of 1974, although they have not reached the 12th or 18th year of aviation service, if they met the OFDA requirements of 72, 108, and 132 months on 1 October 1991. Otherwise, they must meet

the OFDA requirements listed above at 18 years of aviation service. When an individual reaches their 12th or 18th year of aviation service, they will receive the appropriate entitlement status code required at that time. If individuals do not meet the required OFDA for continuous ACIP, they enter conditional status. Example A. If an individual has 72 months of OFDA, but less than 108 months on 1 October 1991, he or she will receive continuous ACIP through 18 years of aviation service. However, at the 18th year of aviation service they must meet the revised criteria of 120 and 144 months OFDA under the ACIA of 1989 to be paid continuous ACIP through 22 and 25 years of aviation service. Example B. If an individual has 108 months of OFDA, but less than 132 months on 1 October 1991, he or she will receive continuous ACIP through 22 years of aviation service. However, at the 18th year of aviation service they must meet the 144 months of OFDA requirement under the ACIA of 1989 to be paid continuous ACIP through 25 years of aviation service. Example C. If an individual had 132 months of OFDA on 1 October 1991, he or she will receive continuous ACIP until 25 years of aviation service. When an individual reaches their 12th or 18th year of aviation service, they will receive the appropriate entitlement status code required at that time. If individuals do not meet the required OFDA for continuous ACIP, they enter conditional status.

5. Individuals with TSCs D and E are totally grandfathered under the ACIA of 1974 and must meet the requirements above for continuous ACIP. If TSC D and E individuals do not meet the required OFDA for continuous ACIP they will enter conditional status.

2.6. Rated Officer and Career Enlisted Aviator Operational Flying Duty..

2.6.1. Operational flying is that flying performed in assignments which require an individual to maintain basic aircrew flying skills. Rated officers and CEAs must attain and maintain, as a minimum, basic aircraft qualification in mission or support aircraft. One of the following indicates the need to fly:

2.6.1.1. The assigned API code associated with a specific position.

2.6.1.2. Assignment to a formal course of flying instruction.

2.6.1.3. A case-by-case determination by HQ USAF/XOO when unusual circumstances dictate.

2.6.2. The requirement for the Air Force to track the flying activity of rated members, other than flight surgeons and UFT students, is based upon the Aviation Career Incentive Act of 1974 and the Aviation Career Improvement Act of 1989, FY 96 NDAA, and FY 99 NDAA. These acts establish the criteria to determine eligibility for ACIP. The requirement to track the flying activity of CEAs is based upon the FY 00 NDAA.

2.6.2.1. The 1974 Act sets standards of minimum experience necessary to receive ACIP; these are: at least 72 months (6 years) of operational flying completed prior to the 12th year of aviation service and 108 months (9 years) of flying completed by the 18th year of aviation service. Individuals meeting these gates are, if otherwise qualified (medically and physiologically [if applicable]), entitled to continuous ACIP until the 22nd year of aviation service (using an individual's ASD), without meeting a specific flying performance standard. Members who complete at least 132 months (11 years) of operational flying by the 18th year of aviation service receive, if otherwise qualified, continuous entitlement to ACIP until the 25th year of aviation service. Those who fail to meet the standards are conditionally entitled to ACIP only through a minimum performance standard by flying an average of four hours per month (two hours for ARC

members) while assigned to operational flying duties. In addition, rated officers with over 25 years of aviation service (grade O-6 and below) and assigned to operational flying positions may receive conditional ACIP.

NOTE:

An officer's ASD is normally the date he or she began UFT.

2.6.2.2. The 1989 Act modified the required gates rated officers must achieve for ACIP entitlement. The new law established revised OFDA requirements of 9, 10, and 12 years vice 6, 9, and 11 years. The effective date for the new criteria was 1 October 1991. On 1 October 1991, the USAF began transition to the new gate structure and rated members were assigned Transition Status Codes (TSC) in order to determine their gate requirements. Rated officers with ASDs of 1 October 1985 and later were required to meet the 9, 10, and 12-year OFDA requirements under the ACIA of 1989. However, the FY96 NDAA modified the required gate requirements.

2.6.2.3. The FY 96 NDAA again modified the required gates rated officers must achieve for ACIP entitlement established by the 1989 Act. The new law established revised OFDA requirements for rated members who completed, or will complete, 12 years of aviation service on, or after, 10 Feb 1996. Rated members with the TSC of A must perform 8 years or more of OFDA within their first 12 years of aviation service to qualify for continuous ACIP through 18 years of aviation service. Rated members who completed 12 or more years of aviation service prior to 10 Feb 1996 must have performed at least 9 years of OFDA within their first 12 years of aviation service to qualify for continuous ACIP through 18 years of aviation service. Rated members who did not meet the original 9 years of OFDA and are beyond 12 years of aviation service remain entitled to conditional ACIP contingent upon meeting the monthly flying hour requirement.

2.6.3. The FY 99 NDAA changed the way ACIP was computed for all rated officers. Previously eligibility was based on the anniversary of the Officer Service Date (OSD). The FY 99 NDAA changed the eligibility to the anniversary of the ASD. This change did not apply to those flyers who had passed their 22 or 25 years of OSD and had their ACIP terminated under the ACIA of 1974.

2.6.4. The FY 00 NDAA set standards of minimum experience necessary for CEAs to receive CEFIP and these are: at least 72 months (6 years) of operational flying completed prior to the 10th year of aviation service and 108 months (9 years) of flying completed by the 15th year of aviation service, and 168 months (14 years) completed by the 20th year of aviation service. Individuals meeting these gates are, if otherwise qualified (medically and physiologically [if applicable]), entitled to continuous CEFIP until their 25th year of aviation service and without meeting a specific flying performance standard. Those members who fail to meet the standards are entitled to conditional CEFIP only through a minimum performance standard by flying an average of four hours per month (two hours for ARC members) while assigned to operational flying duties until they reach their next gate.

2.6.5. OFDA Computations. To receive credit for a month of OFDA, an individual must:

2.6.5.1. Be assigned to primary or corollary duties that require flying and perform valid flying duties.

2.6.5.2. Be assigned to FSC A, U, or X for at least 15 days within each calendar month that he or she received operational flying credit.

2.6.5.3. Have no more than 18 years of aviation service for rated officers and 20 years of aviation service for career enlisted aviators.

2.6.5.4. Individuals initially assigned to flying duty (FSC A) or returning to such duty from a disqualified or inactive status, other than FSC S, receive OFDA credit from the date of assignment of an active FSC. If such individuals do not fly within three months of that date, retroactively change the active duty FSC to FSC S, effective the day following the date of initial assignment of the active FSC. Deduct OFDA credit (which began accruing with assignment of the original active FSC) and terminate OFDA credit. Assign an active FSC when flying begins, effective two months before the date of the first flight. OFDA credit begins from that date. **EXAMPLE:** A member assigned FSC A on 19 December but first flies on 17 April: On 20 March, FSC A becomes FSC S, effective 20 December. Aircrew member accumulated three months OFDA credit for January, February, and March. (Do not credit December because less than 15 days was in an active ASC during that month.) The FSC S action deducts the three months credited and stops further accumulation. On 17 April, change FSC S to FSC A, effective 17 February. This retroactive change restarts OFDA credit. Do not award OFDA credit for February (less than 15 days assigned), but do award credit for March and April. Credit continues to accumulate until the individual fails to perform for a period greater than three months.

NOTE:

This paragraph applies to CEAs that were on active flying status as of 1 Oct 99. They are considered “initially assigned to flying duties (FSC A) per this paragraph.

2.6.5.5. When individuals who are actively flying do not perform by the end of the third month following the month in which flying duties were last performed, change FSC to “S” and stop OFDA credit. The FSC becomes A when flying begins effective on the date of flight. Do not award retroactive credit. **EXAMPLE:** An individual flew on 14 May and did not fly again until 18 November: FSC becomes S on 1 September. Credit OFDA for May, June, July, and August. Change FSC to “A” on 18 November. There is no OFDA credit for November because assignment to FSC A was less than 15 days.

2.6.5.6. MAJCOMs have the option to assign professional qualification index (PQI) codes and dates for flying personnel required to attain and maintain qualification status as defined by AFI 11-202, Volume 1, *Aircrew Training*. However, if PQIs are used, listed below are alpha/numeric characters to be used. The PQI code has three digits showing the current training level of each aircrew member, the requirement status at the end of the last unit training period, and an explanation code for prorated or incomplete status according to [Table 2.9](#). MAJCOMs will use [Table A2.4](#), Standard Training Event Identifiers, for all training descriptions/items listed in the table.

Table 2.9. Professional Qualification Index (PQI) Codes (See Notes).

First Character		Second Character		Third Character	
A	Mission Ready/Combat Mission Ready	1	Met all requirements - no proration	A	Non-availability of aircraft - maintenance
B	Basic Mission Capable or Mission Support	2	Met all requirements - prorated	B	Non-availability of aircraft - other
C	Basic Aircraft Qualification	3	Incomplete requirements - continue flying	C	Lack of flying aptitude
D	Mission Qualification	4	Incomplete requirements - discontinue flying or evaluate	D	Medical restriction
E	Initial Qualification			E	PCS or TDY
				F	Failure to use available opportunities
				G	Authorized waiver (See paragraph 1.7.)
				W	Pilot Weapon System Officer
				Y	None (Qualification Status 1 only)
				Z	Other

NOTES:

1. First Character--Training level shows aircrew member's current status.
2. Second Character--Requirements status indicates each individual's compliance with the prescribed standards of applicable aircrew training publications or this instruction during the preceding training period.
3. Third Character--The reason for pro rata or for incomplete training requirements.
4. Change the PQI training level (first character) and PQI date anytime the commander assigns the flier a new training level. The requirement status and reason (second and third characters) reflects the end of the last training period.
5. Ensure PQIs for active fliers are current. Inactive fliers' PQIs should reflect their last active flying qualification and training date.

2.7. OFDA Waivers.. The Aviation Career Improvement Act of 1989 authorized the Secretary of the Air Force (SECAF) to waive OFDA requirements for rated officers who are unable to meet their flying gates due to reasons beyond their control. Each year, MAJCOM commanders submit nominations to AFPC/CC (info HQ USAF/XOO) for staffing to SECAF. To implement this program the following procedures apply:

- 2.7.1. Rated officers assigned TSCs A, B, C, and CEAs are eligible for flying gate waivers. Because TSC D and E rated officers were grandfathered to the pre-ACIA of 1989 OFDA requirements, they

are not eligible for flying gate waivers. Candidate rated officers must have at least 72 months (6 years) of OFDA credit. Candidate CEAs must have at least 60 months (5 years) of OFDA credit.

2.7.2. MAJCOM commanders may submit OFDA waiver nominations only when the member failed to achieve gates due to reasons beyond his or her control. For example: banked UPT graduates, extended DNIFs, individuals assigned to deactivating/draw down flying units or Air Liaison Officer assignments who cannot be placed into another flying position, and rated officers assigned to non-flying duties necessary to comply with the requirements of the Goldwater-Nichols Act (joint duty schools/follow-on tours) or the Acquisition Public Law.

2.7.3. Rated officers receiving acquisition bonus monies may not be eligible for OFDA waivers.

2.7.3. (AFMC) Rated officers who missed their second or third flying gate may apply for an OFDA credit waiver. The officer must have accumulated at least 72 months of OFDA credit, have served in a critical acquisitions billet which prevented the completion of their second or third gate and must not have accepted the acquisition bonus. Submit waiver requests through the center commander (or equivalent) to HQ AFMC/DOO NLT 01 Dec of each calendar year.

2.7.4. Lost OFDA months due to time spent under flying status code K (inactive--lack of support) does not meet this criteria unless the officer was assigned to a unit undergoing draw down or conversion to an aircraft where the individual's specialty was not required (i.e., an F-4 navigator assigned to a unit converting to single-place fighters).

2.7.5. Individuals who received an OFDA waiver are not eligible for a second waiver.

2.7.6. Normally, OFDA waivers will not apply to individuals who voluntarily turn down a flying opportunity or elect to move to a non-flying position, which would preclude the possibility of meeting their OFDA requirements.

2.7.7. AFPC/DPA will document that the above situations existed at the time of assignment to establish an audit trail. (MAJCOMs will verify flying status code K criteria.) This will then be used to verify why OFDA waiver candidates were unable to achieve their flying gates.

2.7.8. Each January, MAJCOM commanders will forward OFDA waiver nominations to AFPC/DPA (include brief, individual narratives and provide info copy to HQ USAF/XOOT).

2.7.9. Submit OFDA waiver requests during the year prior to loss of flight pay.

2.7.9.1. If the rated officer requests waiver of the first gate, submit their name during the officer's 11th year of aviation service; the 17th year of aviation service for a waiver of the second gate; and the 21st year of aviation service for a waiver of the third gate.

2.7.9.2. If the CEA requests a waiver of the first gate, submit their name during the individuals 9th year of aviation service; the 14th year of aviation service for a waiver of the second gate; and the 19th year of aviation service for a waiver of the third gate.

2.7.10. After AFPC/DPA verifies that the above criteria were met, AFPC/DPA, HQ USAF/XOOT, and HQ USAF/DPFFF representatives will review and forward nominations to SECAF for approval.

2.7.11. MAJCOMs are responsible to ensure each individual eligible for an OFDA waiver is considered for a waiver.

2.7.12. Eligibility criteria for Air Battle Manager gate waivers. In order to be considered, the ABM must meet all of the following criteria.

2.7.12.1. In addition to using existing criteria in rated directives, an ABM must be eligible for Aviation Career Incentive Pay as specified in HQ USAF/XO message dated 2 Oct 99 (Subj: Rating Air Battle Managers), and have an established Aviation Service Date.

2.7.12.2. Must comply with provisions of para 2.7., above.

2.7.12.3. After the ASD and prior to 1 Oct 99, the following ABM duties may count toward an OFDA waiver on a month-to-month equivalent (not to exceed the minimum gate month requirement) if the member was assigned and performed primary duties as a mission ready Air Weapons Director, Senior Director, Air Surveillance Officer, Interface Control Officer, or Mission Crew Commander at a Ground Theater Air Control System or Air Defense unit that had an operational wartime mission (Designed Operational Capability) or was formally attached to one of these line units and counted toward its SORTS rating.

2.7.12.4. After the ASD and prior to 1 Oct 99, an ABM on aviation orders and receiving Hazardous Duty Incentive Pay may credit the entire month if the individual performed ABM primary operational flying duty at least one day within that same month (not to exceed the minimum gate month requirement).

2.8. Taking Part in Flying by Rated Officers.. Public law and DoD directives restrict active rated flying to officers in positions that require maintaining flying skills. If certain SECAF approved mission requirements are more than the number of such officers locally assigned, a minimum number of other qualified members of the authorized rated inventory may also be assigned rated aircrew duties.

2.8.1. Flying duties are assigned in the following precedence:

2.8.1.1. API 1 or 2 officers assigned to support the weapon system crew ratio.

2.8.1.2. Student officers assigned to a formal course of flying training.

2.8.1.3. Officers assigned to positions coded API 6 or 8.

2.8.1.4. Officers assigned to positions at MAJCOM or FOA level or below coded API 3 or 4, or nonrated (API 0). Assign such officers to rated aircrew duties on the basis of the most recent aviation service date, if:

2.8.1.4.1. Their assignments provide at least 24 months of local flying availability (12 months at short tour bases) from the date they were first qualified.

2.8.1.4.2. The flying assignment is to an approved operational support mission specifically designated by HQ USAF.

2.8.1.5. Crewmembers cannot perform flying duties while on leave, permissive TDY, non-flying TDY, or participating in an orientation flight, unless required to perform their official aircrew duties.

2.8.2. If special circumstances require active temporary (180 days or less) flying that is not according to paragraph 2.8.1., HQ USAF/XOO may approve exceptions on an individual case basis (FAC 6 waiver).

2.8.2. (AFMC) Officers authorized Flying Activity Code (FAC) 6 flying will comply with all AFMC aircrew requirements.

2.8.3. Do not assign active flying duties to members who are scheduled for an academic instruction course of 90 days or more.

2.8.4. Reserve officers not on extended active duty may be placed in inactive status when assigned to rated duty positions where flying experience, but not current flying, is required.

2.8.4.1. Send requests for removing Reservists from flying to HQ AFRC/DOTS (with copies to HQ USAF/REO and HQ USAF/XOOT) for approval.

2.8.4.2. Send requests for removing ANG personnel from flying to NGB/CF (with a copy to HQ USAF/XOOT) for approval.

2.9. Additional Ratings.. The pilot rating is the primary aeronautical rating for personnel who possess the additional aeronautical rating of navigator, ABM, or observer. The pilot or navigator is the primary aeronautical rating for personnel who possess the additional rating of ABM. These officers comply with pilot or navigator requirements of this instruction and applicable Air Force aircrew training publications.

2.10. Flight Surgeon Flying Policy..

2.10.1. A flight surgeon who has an additional pilot or navigator rating, and is assigned flight surgeon position (API 5), flies only as a flight surgeon, unless selected and approved as a pilot-physician IAW AFI 11-405. (See paragraph [2.10.3.](#)) HQ USAF/XO authorizes exceptions upon request, with complete justification from the Surgeon General (HQ USAF/SG). Flight surgeons who hold valid pilot or navigator ratings are entitled to only conditional ACIP and OFDA credit is not authorized.

2.10.2. Flight surgeons must be medically and physiologically (if applicable) qualified, and maintain flight medicine credentials before being authorized active flying status. In addition, they must be assigned to an API 5 position with Duty Air Force Specialty Code (DAFSC) 48XX, or 40C0C with an additional AFSC of 48XX, or O4XXX with additional AFSC of 48XX (O prefix signifying flight surgeon required) to receive conditional ACIP. When assigned to other positions, they must be placed in an inactive flying status. Inactive flight surgeons may be authorized to fly and log time without ACIP on a noninterference basis with unit training and flying schedules. Flight surgeons flying under this category will log only "Other" flight time on the AFTO Form 781. Paragraphs [2.16.3.](#) through [2.16.5.](#) apply.

2.10.2. (AFMC) Flying unit commanders may authorize inactive flight surgeons to fly on unit aircraft.

2.10.3. Pilot-Physician Procedures. AFI 11-405, *The Pilot Physician Program*, prescribes procedures for the US Air Force Pilot-Physician Program. Pilot-physicians remain conditional fliers for ACIP entitlement and do not earn OFDA credit. Active flying pilot-physicians will be assigned ASC 8A, FAC 9, and API 5, and hold the DAFSC of 48VX. Retain them in ESC 8 beyond 25 years of aviation service. Credit flight time logged as a pilot towards advanced pilot and flight surgeon ratings (only when member is assigned a FAC 9) and ACIP entitlement.

2.11. Taking Part in Flying by Career Enlisted Aviators..

2.11.1. Flying duties are assigned in the following precedence:

2.11.1.1. API A or B CEAs assigned to support the weapon system crew ratio, operational test and evaluation functions, Foreign Military Sales (FMS), etc.

2.11.1.2. Students assigned to a formal course of flying training.

2.11.1.3. Career enlisted aviators assigned to positions coded API B or D.

2.11.1.4. Career enlisted aviators assigned to positions at MAJCOM or FOA level or below coded API C or E. Assign career enlisted aviators API C or E aircrew duties on the basis of the most recent aviation service and being careful not to cause the member to fall short of meeting OFDA credit.

2.11.2. Do not assign active flying duties to members who are scheduled for an academic instruction course of 90 days or more.

2.11.3. Crewmembers cannot perform flying duties while on leave, permissive TDY, non-flying TDY, or participating in an orientation flight, unless required to perform their official aircrew duties.

2.12. Taking Part in Flying by Nonrated Officer and Enlisted Members..

2.12.1. Qualified personnel assigned designated aircrew positions established in AFI 65-503 are shown as nonrated aircrew members (FSC D). These individuals' primary full-time duties are to be onboard the aircraft to accomplish the primary mission. They will maintain flying class III physicals.

2.12.1.1. Enlisted aircrew members require an aircrew prefix of X (Basic Aircrew) K (Instructor), or Q (Evaluator).

2.12.1.2. Nonrated officer aircrew members may be assigned to duty positions with an AFSC prefix of X (Basic Aircrew), B (Squadron Operations Officer), C (Commander), F (Flight Test), K (Instructor), or Q (Evaluator).

2.12.1.2.1. When a nonrated officer fills a position as a Commander (C prefix) and as an aircrew member (X prefix), remark on the individual's aeronautical order "member occupies an X prefix position."

2.12.1.2.2. When a nonrated officer fills a position as a Squadron Operations Officer (B prefix) and as an aircrew member (X prefix), remark on the individual's aeronautical order "member occupies an X prefix position."

2.12.1.2.3. FSC J (Inactive) or L (TDY School) identifies nonrated crewmembers not assigned to active flying positions.

2.12.2. FSC C (Ops Support) identifies nonrated personnel required to perform essential inflight duties which cannot be accomplished by rated officers, CEAs or nonrated aircrew members. Operational Support flyers may be required to fly on an occasional basis. However, their assigned full-time duties do not require them to be onboard the aircraft to accomplish its assigned primary mission. When their requirement to fly terminates, flight record responsibility ends.

2.12.3. Aerospace physiologists (DAFSC 43AX) and Human Performance Training Teams (DAFSC 4M0X1) are authorized to participate in flying duties as observers on a noninterference basis. HARM offices will publish AOs according to this instruction and MAJCOM directives. Neither flying incentive pay nor flying duty credit are authorized, with the exception of personnel who fly as

operational support on high altitude airborne (HALO) missions. Paragraphs 2.16.3. through 2.16.5. apply. Personnel who fly in support of the HALO missions will comply with AFI 11-402, Chapter 6.

2.12.4. Other nonrated members who fly occasionally to perform specific tasks (e.g., administrative duties, evaluation of equipment, maintenance, security for classified documents, crew chiefs who perform duties on the ground at the final destination or points enroute and other duties not authorized as operational support IAW AFI 11-402) may have AOs published according to this instruction and MAJCOM directives. Paragraphs 2.16.3. through 2.16.5. apply. Members who fly occasionally to obtain familiarity with the flying environment or directed to perform specific inflight duties on an infrequent or irregular basis (Commanders [including unit commanders], Operations Officers, and supervisory personnel) may do so under the guidelines of paragraph 1.6. Individuals in these categories will fly on a noninterference basis; neither flying incentive pays nor OFDA credit are authorized; and flying is restricted to aircraft with adequate facilities for transporting passengers (reference DoD 4515.13-R, which restricts passenger travel in aircraft, such as, but not limited to, fighter aircraft, which are not designed or normally configured for passenger carrying capability).

2.12.4. (AFMC) Members who fly in AFMC as MESPs must comply with this paragraph if placed on an aeronautical order or equivalent IAW para 2.24.4. and attachment 8 of this supplement. MESPs not placed on an aeronautical order or equivalent will fly per para 2.24.3. of this supplement.

2.12.5. Aircrew members not formally entered into Initial Qualification Training (e.g., Pre-Initial Qualification Training) will do so under orientation flight guidelines of paragraph 1.9.4.7.

2.12.6. Crewmembers will not perform flying duties while on leave, permissive TDY, non-flying TDY, or participating in an orientation flight, unless required to perform their official aircrew duties.

Section 2B—Supervisory Operational Flying Positions

2.13. Supervisory Position Criteria.. To conserve available resources, clearly identify rated officers and CEA supervisory positions where the incumbent must actively fly in API 6, 8, B, and D positions to perform assigned duties.

2.14. Supervisory Flying..

2.14.1. Rated officers and CEA supervisory flying is necessary to ensure that appropriate staff officers maintain a current and comprehensive background in the overall flying operations of the organization. Although occasional indoctrination flights normally maintain inactive rated staff officers and career enlisted aviators at an acceptable level of experience for their jobs, it is Air Force policy that key supervisors closely involved in their organization's flying mission must maintain their basic flying skills sufficiently to provide them with expert awareness of most aspects of that mission.

2.14.2. Supervisory flying should be performed to the maximum extent possible in primary mission aircraft inventory (PMAI) associated with the position. However, in the interest of fiscal responsibility, when PMAI resources are not available or not practical to use, and maintenance of flying skills is mandatory, supervisory flying may be performed in the most cost-effective aircraft available.

2.14.3. Commanders (including unit commanders) authorized to designate rated and CEA supervisory positions must minimize the impact of such flying and only those positions where active flying is essential are designated as API 6, 8, B, or D. Designating authorities are:

2.14.3.1. General Officer.. The Chief of Staff designates general officer operational flying positions. MAJCOMs are not authorized to make adjustments without the Chief of Staff's approval (See [Table 2.10.](#)).

Table 2.10. General Officer Operational Flying Positions.

The following general officer joint positions are authorized to be operational flying positions when filled by USAF general officers. General officers in these positions are requested to advise AF/XO should they elect to maintain operational flying status.	
Duty Title	Organization
Chairman	Joint Chiefs of Staff
Vice Chairman	
Commander-in-Chief	Unified Commands
Deputy Commander-in-Chief	
Special Operations Component Commanders Assigned to Unified Commands (SOCCENT, SOCEUR, SOCFCOM, SOCPAC, SOCSOUTH)	
SWA/CC	USCENTCOM
CTF-NW/CC	USEUCOM
NAEWF/CC	SHAPE
The following are designated as USAF general officer operational flying positions.	
Chief of Staff	HQ USAF
Vice Chief of Staff	
DCS/Air and Space Operations	
Commander, Vice Commander, and Director of Operations	ACC, AETC, AFMC, AFSPC, AMC, PACAF, USAFE
Commander, Vice Commander	AFSOC
Superintendent, 34 TRW/CC, and Dean of Faculty	USAFA
Numbered Air Force Commander, Vice Commander	ACC, AMC, PACAF, USAFE
Wing Commander	
Numbered Air Force Commander, AU/CC (AU/CV when AU/CC is not a rated officer)	AETC
Wing Commander	
Commander, AFFTC	AFMC
Commander, AMWC	AMC
Commander	AFOTEC
The following AFRC positions are designated as general officer operational flying positions.	
Director of Operations	AFRC
Numbered Air Force Commander	
Wing Commander	
The following ANG positions are designated as general officer operational flying positions.	
Numbered Air Force Commander	ANG
Wing Commander	

2.14.3.2. **Colonel.** MAJCOMs designate colonel active flying positions (API 8) by forwarding AF Form 480, **Aircrew AFSC/Active Flying Justification**, for review and approval to HQ USAF/XOOT (see AFI 38-201, *Determining Manpower Requirements*). Colonel flying positions should only be for individuals who directly supervise aircraft flying operations, flight safety, and operational readiness programs. Should positions not warrant full time flying, there may be justification for the individual to participate in the indoctrination flying program.

2.14.3.3. **Lieutenant Colonel and Below.** MAJCOMs designate rated officers Lt Colonel and below and CEA positions for supervisory positions that require active flying. MAJCOMs may approve changes from API 3 to API 6 and API C to B. Send AF Forms 480 involving conversion of API 4 to 8 and API E to D to HQ USAF/XOOT. MAJCOMs will ensure these positions are kept to a minimum. Should positions not warrant full-time flying there may be justification for the individual to participate in the indoctrination flying program.

2.15. Supervisory Position Limitations.. MAJCOMs will establish a procedure to review API 8 supervisory flying positions whose incumbents are assigned FSC K (lack of support) when adequate support will not be available within six months. Where practical, return such positions to API 4 or API E.

2.15. (AFMC) In August of each year, incumbents of aviation position identifier (API) 8 or D positions who have been assigned FSC "K" must send a request to HQ AFMC/DOO with rationale why the position should not be converted to API 4 or E. Action will be taken to change the position to inactive if there is insufficient justification for an API 8 or D position or if no request is received. HARM offices will audit the Unit Manpower Document or other source document to verify these positions.

2.16. Flying by Individuals in Inactive Status.. Occasionally, a rated officer or CEA in inactive status may be required to perform operational flying on a temporary basis to complete a specific official task (for example, to evaluate an operational flying procedure, review flying training effectiveness, take part in a flying exercise or test program, or become familiar with a specific operational weapon system and procedure). The following policy applies:

2.16.1. MAJCOMs (or MAJCOM equivalents) authorize and select rated staff and CEA positions for indoctrination flying. Indoctrination flying allows inflight observations of mission equipment or procedures that will benefit the organization. Incumbent must request to fly. Take a conservative approach in designating these positions. MAJCOMs (or MAJCOM equivalents) will establish the request for indoctrination flying and approval according to **Table 2.11**. Limit incumbents to 24 missions per fiscal year. For this purpose, a mission is all sorties performed in a single calendar day. MAJCOMs will identify the incumbent by FSC T.

2.16.1. (AFMC) Forward request for indoctrination status to HQ AFMC/DOO with full justification. HARM will not issue FSC "T" to inactive rated officers without approval from HQ AFMC/DOO for AFMC personnel or the parent MAJCOM for non-AFMC personnel with HQ AFMC/DOO concurrence.

2.16.2. MAJCOM commanders must approve the use of command aircraft resources for personnel outside their commands.

2.16.3. MAJCOMs must ensure individuals complete before flight, adequate training on emergency procedures, life support equipment, and aircraft systems. Individuals must be physically and, where required, physiologically qualified.

2.16.4. Flights in inactive status are not operational flying duty for aviation career (flying gate) or incentive pay purposes and do not allow authority to change ASCs except to assign FSC T. MAJCOMs will ensure indoctrination flying does not impact on unit training, and will not increase command flying hour allocations.

2.16.5. Obtaining or maintaining aircraft qualification while in inactive status is not authorized. Document flights on the AFTO Form 781, **AFORMS Aircrew/Mission Flight Data Document**. Individuals flying in inactive status may not act as pilot in command and flights in single-place aircraft are specifically prohibited.

Table 2.11. Indoctrination Flying Approval Authority.

Approval Authority	for positions in:
HQ USAF/XO	Air Staff, OJCS, OSD, DoD Agencies, Joint Commands, Non-Air Force General or Flag Officers, and FOAs
MAJCOM	MAJCOMs
ACC	USCENTCOM, USJFCOM, and USSOUTHCOM
PACAF	PACOM
USAFE	NATO and EUCOM

Table 2.12. Air Staff, OSD, and NGB General Officer Indoctrination Flying Positions

The following positions are designated as general officer indoctrination flying positions.	
Duty Title	Organization
CVA	HQ USAF
DP	
IL	
SE	
SG (When filled by a designated pilot physician)	
XP	
XOO	
SAF/AQ	OSAF
SAF/IG	
Chief, NGB (When filled by a USAF general officer)	NGB
Director, ANG	

Section 2C—Flight Management Administration

2.17. Host Aviation Resource Management Office.. The host command designates within the operations group a HARM function to be the base OPR for AFORMS and to accomplish the requirements of these instructions. The Wing/Group Chief, HARM office, will be the senior or most qualified person, with a primary AFSC of 1C072, 1C092, 1C000, or civilian equivalent, with at least three years experience in the Operations Resource Management career field. The HARM office will be manned according to Air Force Manpower Standard (AFMS) 13C1. Only qualified 1C0X2 personnel will operate AFORMS.

2.17. (AFMC) Forward copies of all HARM Chief appointment letters to HQ AFMC/DOO. The HARM Chief is responsible for overall database management of ARMS at base level and for all interface with the Defense Mega Center (DMC) regarding ARMS. He/she also serves as the functional manager for all AFMC 1C0X2 personnel on base and will assign these personnel based on mission needs and career progression.

2.17.1. Prepare aeronautical orders according to [Attachment 3](#) of this instruction and AFI 11-402.

2.17.2. Maintain all FRFs/JRFs according to this instruction, AFI 11-410, *Personnel Parachute Operations*, and AFMAN 37-139, *Records Disposition Schedule*. Maintain all active, inactive (except ASC 6) and disqualified aircrew member FRFs/JRFs at the Air Force HARM office nearest to where the aircrew member maintains their personnel and finance records. Request exceptions to this procedure from HQ USAF/XOOT.

NOTE:

The individual, the member's commander, SARM/NCOIC, or mishap investigation boards may temporarily sign out FRFs/JRFs.

2.17.3. Work closely with the servicing flight medical facility to ensure immediate and accurate exchange of flight management and flight medical data. As a minimum, this means:

2.17.3.1. The Flight Surgeon Office (FSO) will provide the initial flight surgeon notification to the HARM office when required periodic physical examinations have been carried out, or when changes occur in an individual's medical status that affect flying availability. Suspense is one duty day.

2.17.3.2. Send completed medical examination results (AF Form 1042, **Medical Recommendations for Flying or Special Operational Duty**) to the HARM office within 10 workdays. If the medical examination is incomplete due to reasons beyond the member's control, the appropriate medical waiver authority may extend certification to cover administrative processing. The FSO must inform the HARM office via AF Form 1042 if an aircrew member has had their medical certification extended by the applicable waiver authority. The official date of the AF Form 1042 will be the date of the flight surgeon's signature.

2.17.4. Continually monitor and ensure the proper FAC and ASC are assigned for all assigned and attached fliers.

2.18. Unit HARM Office.. Commanders of flying units and organizations within operations will designate a HARM function to accomplish the requirements of this instruction.

2.19. Operational Support Aircraft (OSA) and Aircrew Management..

2.19.1. The operational support aircraft and aircrew manager must provide all personnel assigned or attached for flying the opportunity to complete annual flying requirements. Attached personnel must be responsive to scheduling requirements. In line with aircrew requirements, attached personnel are used as aircraft commanders, instructors, flight examiners, and as aircrews to perform assigned missions.

2.19.2. If TDY is authorized solely to perform aircrew duties, budgeting and funding for TDY travel of aircrew members assigned or attached for flying is the responsibility of the unit to which the aircrew member is assigned.

2.19.3. For Security Assistance and Defense Attaché aircraft and aircrews:

2.19.3.1. Support aircraft for Security Assistance are assigned to HQ AFMC and placed on loan to Defense Security Assistance Agency (DSAA).

2.19.3.2. Support aircraft for Defense Attaches are assigned to HQ AFMC and placed on loan to the Defense Intelligence Agency (DIA).

2.19.3.3. Using organizations must comply with the theater air command/AMC rules and instructions that pertain to aircraft operations. Crew qualification, currency, training, and evaluations are the responsibility of the theater air component commander/AMC commander, as applicable, and will be conducted according to HQ USAF guidance and theater requirements. Operational control (as it pertains to the missions and purposes for which these aircraft are operated) and scheduling of aircraft remains within the using organization.

Section 2D—Support of Personnel Assigned to Locations or Organizations Lacking Flying Facilities or Aircraft

2.20. Attachment for Flying..

2.20.1. Aircrew members who are assigned by PCS/PCA orders, in active flying positions, to US Air Force units and organizations without flying facilities or aircraft may be attached for flying to flying units. Individuals must request (in writing) attachment for flying through their chain of command to their MAJCOM/DO (**EXCEPTION:** Request for attachment for flying is not required if flying support is addressed by a host-tenant agreement). This request must include: Individual's name, rank, Social Security Number (SSN), aviation service date (ASD), aviation service code (ASC), aeronautical rating (or badge), expected duration of attachment, date of separation (DOS)/expiration of term of service (ETS), assigned duty position title/position number/API code, aircraft last qualified in, date last flown, current AO, current AF Form 1042, and requested unit of attachment and point of contact. Individuals should coordinate flying qualification, currency and attachment with requested units prior to submitting formal request. For attachments outside an individual's MAJCOM, submit request to both MAJCOMs for coordination. MAJCOMs will develop their own procedures for attachments within their own MAJCOM.

2.20.1. (AFMC) Crewmembers attached to AFMC flying units to fly AFMC test or test support (E-coded) aircraft must contribute effectively to the test mission of the aircraft and must respond to the DFO's flying schedule. DFOs will not attach crewmembers to fly E-coded aircraft solely for the purpose of complying with annual flying requirements or maintaining proficiency.

2.20.2. Attachment units must provide resources necessary to complete and maintain the minimum training requirements established in the applicable aircrew training publications (this includes TDY cost to formal training courses). However, the unit to which the member is assigned is responsible for the TDY cost for the member's travel to the attached unit to meet normal training requirements. The attached unit is also responsible for maintaining the FEF.

2.20.2. (AFMC) TDY travel costs of AFMC attached fliers supporting depot unit mission flying or test program mission flying will, as a general rule, be funded by the specific program requiring support, but may, if circumstances dictate, be funded by the unit of attachment. Travel for "normal training requirements" will be IAW the basic instruction AFI 11-401, para 2.20.2.

2.20.3. (Added-AFMC) Crewmembers will route attachment for flying requests through the chain of command to HQ AFMC/DOO. The requested flying unit for attachment must formally coordinate on the request prior to the individual's chain of command processing. The request must clearly provide justification for flying status. Instructions for completing and a sample of the request are located in **Attachment 7** of this supplement. AFMC units will not fly attached crewmembers without HQ AFMC/DOO approval.

2.20.4. (Added-AFMC) The unit of attachment will maintain aircrew qualification training and continuation training records. Attached aircrew must comply with flying unit guidance and directives.

2.21. Flying With ANG Units..

2.21.1. The Director, ANG, and the respective State Adjutant General must concur on all active duty flying with ANG units. Flying is restricted to Air Force advisors and aircrews who inspect, standardize, evaluate, augment, or assist in unit conversion.

2.21.2. Except for flights authorized under MAJCOM/ANG interfly agreements, active duty aircrew members require ANG/DO by-name authorization to fly with ANG units. By 15 January each year, MAJCOMs must submit a composite list to ANG/DOV, info HQ USAF/XOOT, requesting approval for aircrew members requiring support. MAJCOMs should update this list as changes occur. Requests will include: name and rank, office symbol (e.g., 9 AF/DOV), primary aircraft MDS (e.g., F-16C, C-130E), and aircrew position (e.g., IP, IN).

2.21.3. Active duty aircrew members authorized to fly ANG aircraft in accordance with paragraph **2.21.2.** may coordinate sortie support directly with the unit. Members must provide the supporting unit operations group commander with a source for verifying currencies, egress training, flight qualification, etc., before flying. The supporting unit operations group commander is the final authority for determining when active duty aircrew may fly unit aircraft.

2.21.4. All flying will be conducted in accordance with applicable US Air Force, MAJCOM, and ANG instructions.

2.22. AFRC Bases and Facilities.. Except for Air Force advisors to reserve units, rated officers on extended active duty (EAD) are not attached for flying to AFRC bases or facilities that do not have operational support aircraft. Send requests for flying support and requests for exception to HQ AFRC/DOT, Robins AFB GA 31098-5000, with an information copy to HQ USAF/XOOT.

2.23. Coordination Authorization.. Direct communication with MAJCOMs, ANG, and AFRC concerning attachment of rated personnel is authorized.

2.24. (Added-AFMC) Taking Part in Flying by MESP and MEGPs.

2.24.1. (Added-AFMC) MESP and MEGPs are not entitled to flying incentive pay. Limit the number of MESP and MEGP flyers to the minimum necessary to complete the unit's mission. MESP will be placed on the flight authorization and use "MESP" as their flight duty code. All MEGPs will be manifested on the passenger manifest.

2.24.2. (Added-AFMC) AFMC Form 81 will be used to request flying authorization for all military and civilian MESP. Units may use locally developed procedures if approved by HQ AFMC/DOO.

2.24.3. (Added-AFMC) All MESP will receive medical recommendation/clearance to fly and/or physiological training, if required, IAW AFI 48-123, AFMC Sup 1. All MESP will receive an AF Form 1042 from the flight surgeon confirming medical status. Members must present this form to Squadron Aviation Resource Management (SARM) personnel before flying. HQ AFMC/SGBA is waiver authority for medical requirements listed in AFI 48-123, AFMC Sup 1.

2.24.4. (Added-AFMC) MESP are limited to 12 sorties during any consecutive 12-month period to comply with flying at less than a frequent and regular basis. Military MESP required to fly at a greater rate will be placed on aeronautical orders (AO) IAW AFI 11-401, para 2.12.4. Civilian MESP required to fly at a greater rate will be placed on a civilian equivalent to an AO. A memorandum from the DFO to the HARM office will be used as an AO equivalent for individuals in this status. This memorandum will be reaccomplished annually in conjunction with the annual review of AFMC Form 81. Attachment 8 contains a sample of this memorandum with format instructions. Units may use locally developed AO procedures if approved by HQ AFMC/DOO. Units requesting waivers of the AO requirement for sorties greater than 12 must follow instructions in para 2.24.4.2. below.

2.24.4.1. (Added-AFMC) MESP listed on an AO or AO equivalent do not have sortie quantity limits. These personnel will accomplish annual egress training, with a closed-book written test, and emergency training including a review of aircraft emergency equipment and procedures IAW AFI 11-301, AFMC Sup 1, para 13.11.5 and Attachment 7. MESP who do not require an AO or AO equivalent will receive abbreviated egress training IAW AFI 11-301, AFMC Sup 1, para 13.11.5.1 and 13.11.5.1.5.

2.24.4.2. (Added-AFMC) Route waiver requests from flying unit commanders through DFOs to HQ AFMC/DOO. Requests will explain why the individual should be waived beyond the 12-sortie limit without being placed on an aeronautical order equivalent. Waiver requests should be rare and may be approved only in extreme circumstances.

2.24.4.3. (Added-AFMC) Flights with MESP or MEGPs are subject to and must comply with the "passenger restrictions" of AFI 11-202 series publications, except for maneuvers and procedures required for a specific test defined in an approved test plan or published technical order. DFOs may approve touch and go operations with MESP or MEGPs onboard and will document pre-approval on the flight authorization. Aircrews will not perform simulated emergency procedures with MESP or MEGPs onboard except as defined in an approved test plan.

Chapter 3

FLIGHT DOCUMENTATION

Section 3A—Records Maintenance

3.1. Flight and Jump Records and Air Force Operations Resource Management System (AFORMS) Functional Responsibility.. The individual flight or jump record folders are the official source documents for determining incentive entitlement, current flying or jump status, and total experience. HARM offices will maintain FRFs/JRFs of aircrew members whose personnel records are maintained by the unit military personnel flight (MPF), or FRFs/JRFs will be maintained by the Air Force HARM office closest to the member's MPF. Dispose of Air Force records according to AFMAN 37-139 and this instruction.

3.1.1. Use these records as the basis for USAF flying resource inventory reporting (RCS: HAF-XOO[M&AR]7103). This report provides essential individual flying information to HQ USAF and MAJCOMs. HARM offices ensure the report is transmitted not later than the 10th of each month (or as soon as possible for special reports). Continue to report during emergency conditions, precedence delayed (Emergency Status Code C-3). Continue reporting during MINIMIZE.

3.1.2. The HARM office is the sole approval authority (except for HQ USAF/XOOT) at each flying base that determines entitlement and the starting and stopping of Aviation Career Incentive Pay (ACIP), Career Enlisted Flyer Incentive Pay (CEFIP), and Hazardous Duty Incentive Pay (HDIP) for flying and parachute duties; interprets public law as it pertains to these incentive pays along with auditing, reconciliation, and waivers of these incentive pays; is the single point of contact for AFORMS; and is responsible for the following procedures:

3.1.2.1. The HARM office supported by the standard AFORMS keeps FRFs/JRFs for all flying and jump personnel.

3.1.2.1.1. Base HARM offices keep the FRFs/JRFs for assigned, tenant, and attached personnel ordered to take part in regular and frequent flights as aircrew, operational support members, and parachutists. This includes all active and inactive aircrew members, active operational support members, and parachutists.

3.1.2.1.2. The FRFs/JRFs for disqualified aircrew members and parachutist (entitlement status 0) are kept for five years after such designation. After five consecutive years, return the individual's FRF/JRF to the member.

3.1.2.1.3. (Added-AFMC) HARM offices will not release the FRF to individuals in suspended status (ASC 04).

3.1.3. Initiate a Military Pay Order (MPO) (except for ANG members not on extended active duty and non-USAF members) when:

3.1.3.1. Any member initially meets or fails to meet flight or entitlement requirements for pay.

3.1.3.2. Flight requirements for pay have been met after a period of failing to meet minimum flight requirements (or a period of disqualification has been removed), or an individual otherwise regains entitlement to incentive pay.

3.1.3.3. An individual in conditional entitlement status (ESC 5, 6, 7, 8, 9, E, F, G, or H) departs PCS to a non-flying or non-jump position.

3.1.4. Release the FRF to individual custody only after the HARM receives:

3.1.4.1. Official PCS orders or TDY orders indicating a TDY with another USAF activity for a period of 30 days or more. (Units have the option to transfer records to the gaining HARM office for TDYs.)

3.1.4.2. Official retirement or separation orders.

3.1.4.3. Notice that the aircrew member has been disqualified for more than five consecutive years.

3.1.4.4. MAJCOMs will establish temporary sign-out procedures.

3.1.5. Release of Data from Flight/Jump Records.

3.1.5.1. Information maintained in the FRF/JRF is subject to the provisions of the Privacy Act of 1974. HARM offices have a legal obligation to safeguard these records from unlawful disclosure. Standard AFORMS reports or ad hoc queries which contain personal data will have the symbol “(PA)” in the product title and contain the statement “Personal Data - Privacy Act of 1974.”

3.1.5.2. The disclosure of information, for any purpose, to other than those agencies with an official need, for which the record was created, without expressed written consent of the member concerned, is not authorized.

3.1.5.3. Data may not be disclosed to agencies, except where allowed by law, outside the Department of Defense without approval from the Judge Advocate’s Office. Maintain a record of each disclosure to include name and address of the person or agency receiving the data, date, nature and purpose of each disclosure.

3.1.5.3.1. A copy of disclosure is retained on file as part of the FRF/JRF. Prior to releasing the FRF/JRF, the HARM office will remove all records disclosures. If the disclosure is less than five years old, retain it on file until completion of the five-year period. If disclosure is over five years old, destroy it.

3.1.5.4. The Pilot Records Improvement Act of 1996 requires that before the airlines hire a pilot, the air carrier must request and receive certain records from “any carrier or other persons that has employed the individual at any time during the preceding five years.” Before any information is released to an agency based on this Act, HARM offices must receive a written release of information statement from the applicant via the agency or applicant. This statement confirms the applicant agrees to the release of their records to the air carrier. If the requester does not supply this statement, the HARM office will not release any information. HARM offices must release information within 30 days of receipt of the request. Additionally, the releaser must provide notice to the applicant that a release request has been received and inform the applicant of their right to receive a copy of the records. The HARM office will provide the following AFORMS products below and documents (preceding five years from the date of employment application of the member) contained in the member’s Flying Evaluation Folder (FEF) if maintained by the HARM office. If the member’s FEF is maintained in another location the HARM office must obtain copies and provide to the requesting agency.

3.1.5.4.1. Individual Flight Record (IFR).

3.1.5.4.2. Flying History Report (FHR)

3.1.6. The FRFs/JRFs of personnel assigned or attached to other than USAF activities must be kept by the base designated by:

3.1.6.1. The parent command for individual aircrew members or parachutists on duty with other US military services.

3.1.6.2. The MAJCOM with geographical cognizance over the area or country to which the individual is assigned or attached for duty with an allied service or on duty with non-US military agencies.

3.1.6.3. If the individual's FRF/JRF is required at the crewmember's or parachutist's duty station, a duplicate copy of the FRF/JRF will be provided to the flyer's duty station. The master record will be kept at the HARM office designated by the MAJCOM.

3.1.6.4. Notify the member's parent MAJCOM prior to the FSC "S" or "4" exceeding the 180-day limit.

Section 3B—Logging of Flight Activity (AFORMS)

3.2. Background Information.. This section explains the conditions under which personnel are authorized to log flight activity into AFORMS. AFORMS will be used for tracking and management of all aircrew and operational support flight activity.

3.2.1. Flying data must be recorded and accumulated accurately to provide commanders with meaningful flying experience information to ensure resources are used effectively, and only qualified personnel receive incentive pay. Units will follow AFI 33-360V2, *Forms Management Program*, to develop local training accomplishment forms for entering training data into AFORMS.

3.2.2. Design the Air Force flying program so that each individual actively engaged in performing airborne duties maintains at least the basic professional skills necessary to perform in his or her flying specialty. This requires accurately logged flight and simulator activity to record and monitor the accumulation of experience.

3.3. Crediting Flying Time.. To credit flying activity, personnel must be physically qualified (member cannot be in Duty Not to Include Flying [DNIF] status) and physiologically qualified (if applicable), under AOs to take part in frequent and regular flights as aircrew or operational support members (AFI 11-402) and under an approved aircrew certification code and aircrew position indicator, and be designated on a flight authorization. They must also be part of the crew compliment (AFI 65-503) or required for the mission. Individuals that are required for the mission not part of the crew compliment can only log flying time when specifically authorized to augment the crew or perform mission-related observation or evaluation duties (written authorization is required to be on file with HARM office prior to mission). Flights in any other capacity are to be considered familiarization and/or incentive orientation flights (logging of flying time is not authorized). Crewmembers cannot credit flying time while on leave, permissive TDY, or nonflying TDY.

3.4. Definition of Flight Time Categories.. The references in this paragraph to aircraft also apply to synthetic training devices categorized in AFPAM 36-2211, *Management of Air Force Training Systems*, as operational flying trainers or weapon system trainers. Log flying time only on the AFTO Form 781 and

AF Form 3520, **Aircrew/Mission Flight Data Extract**, and use only the approved aircrew certification codes and aircrew position indicators as listed in **Attachment 2, Table A2.1.** and **Table A2.3.**

3.4.1. Primary Flight Time. Time logged by a member occupying a designated duty station identified in AFI 65-503, and actively performing the duty associated with their aircrew specialty. Only qualified aircrew members, aircrew members obtaining qualification in the aircraft, and operational support members can log primary time.

3.4.1. (AFMC) Two (or more) aircraft commander-qualified pilots may use an aircrew position identifier of "P" in the flight authorization duty code block of AFTO Form 781, **AFORMS Aircrew/Mission Flight Data Document**, when flying together. The first character of the aircrew certification/flight authorization duty code must reflect the individual's qualification level and assigned duties for that mission flight authorization. Copilots not qualified as aircraft commanders are required to use an aircrew position identifier of C. Pilots who have completed initial qualification training will use FP during mission qualification training. After qualifying in one unit mission, crewmembers will log 'M' as the first character of their aircrew certification/flight authorization duty code. Pilots will log FP (or MP if mission qualified) during difference and conversion training since they are already qualified in the basic weapon system.

3.4.1.1. EXCEPTIONS:

3.4.1.1.1. Pilots in inactive status who are authorized to fly under the provisions of paragraph **2.16.** and commanders and key supervisors under the provisions of paragraph **3.7.1.** will only log primary time when actually controlling the aircraft.

3.4.1.1.2. Pilots who maintain qualification in single-place aircraft when completing instrument training or the instrument flight check in similar dual-place aircraft.

3.4.1.1.3. Graduates of a military test pilot school (Air Force Test Pilot School, Navy Test Pilot School, etc.) are considered qualified and may log primary flight time using FP, FN, or FW as the flight authorization duty code while actively flying qualitative or approved short-term aircraft tests or evaluations. This does not authorize Test Pilot School graduates to perform duties on other missions requiring qualified aircrew members at the controls of the aircraft (e.g. functional check flights).

3.4.1.2. For pilots, primary time is time actively controlling the aircraft excluding hands-on-time flown while instructing and evaluating (log such time under instructor or evaluator). It is not predicated on which set of controls is being used (multi-place aircraft), or on the duty position indicated on the flight authorization. Pilots receiving instruction while controlling the aircraft will log primary time.

3.4.1.3. For other aircrew specialties, log primary flight time only when performing duties at a duty position established for that specialty. Where more than one station is established for the same specialty, one member at each such station may log primary time while actually performing the duties associated with that station (for example, multiple Air Surveillance Operator positions on a single aircraft). (MAJCOMs will specify which AFI 65-503, *US Air Force Cost and Planning Factors*, authorized crew duty station(s) flight test engineers may occupy during test functions. During periods when the flight test engineer is not actively performing his or her evaluation/test duties, other time will be logged.) Except under conditions in this paragraph, the total primary time for any specific aircrew specialty must not exceed the total flight time.

NOTE:

Due to the broad nature of flight surgeon duties, each position which another aircrew member occupies (as defined in AFRD 11-4, e.g., pilot, navigator, ABM, observer, or CEA personnel), may be considered as a flight surgeon station/position (i.e., a C-141 with a pilot, copilot, flight engineer, and loadmaster would be authorized four flight surgeons). If there are more flight surgeons onboard than aircrew stations, the total primary time must be split between those flight surgeons onboard by logging primary and other time. When the number of flight surgeons on board is less or equal to the number of occupied aircrew stations, all flight surgeons are authorized to log primary time for the total mission.

3.4.1.4. Aeromedical Evacuation Crewmembers (AECM) must fly one mission as a primary crewmember each quarter. As long as the AECM flies one mission as a primary crewmember in the previous quarter, AECMs may log secondary time when performing simulated patient duties or Mission Clinical Coordinator (MCC) duties during aeromedical readiness missions. During periods when the AECM is non-current, then only other flight time may be logged when performing simulated patient or MCC duties.

3.4.2. **Secondary Flight Time.** Flying time logged by a crewmember who is performing inflight duties related to the crewmember's specialty, but who is not controlling the function of that specialty.

3.4.2.1. The member must be maintaining or obtaining qualification in the aircraft to log secondary time. **EXCEPTION:** Crewmembers designated in AFI 65-503; and tasked to perform their primary duties on aircraft other than their assigned aircraft (e.g., Flight Attendants tasked by TACC or HHQ to support Silver Bullet or DV missions) will log secondary time as long as crewmembers maintain currency in their primary aircraft.

3.4.2.2. For pilots, log secondary time for flying while occupying a duty position having a set of flight controls, yet not actively controlling the aircraft, instructing, or evaluating.

3.4.2.3. For other aircrew specialties, log secondary time when actually performing inflight duties of the specialty, but not at the primary duty station established for that specialty (for example, second navigator during airdrop missions) when dictated by mission requirements.

3.4.2.4. Except as provided for in AFI 65-503, the total secondary time logged in each specialty may not exceed the total flight time.

3.4.3. **Instructor Flight Time.** Flying time logged by a designated and qualified member while actively performing authorized instructional duties. (Includes "hands on" time during demonstration activities which are part of instructional duties.) The member does not have to be occupying a primary duty station established for that specialty but must be actually performing instructor duties. Except as provided for in AFI 65-503, the total instructor flight time for each aircrew specialty may not exceed the total flight time.

Note: Member must be current and qualified in the aircraft to log instructor time.

3.4.3. (AFMC) IPs and EPs will log "XP" (other) time when instructing or evaluating from a chase aircraft in which they are not qualified. Instructor and evaluator pilots are not authorized to use the IP or EP duty code unless specifically instructing or evaluating on that flight.

3.4.3.1. Instructors may log instructor time while accomplishing unlike specialty training instruction (e.g., an instructor navigator training pilots/boom operators for the three-person crew or third pilots in the navigator seat). Only the amount of time used to train a specific event may be

logged. If more than one instructor of like specialty is on the aircraft, to allow simultaneous instruction of different specialties, both instructors may log instructor time (e.g., two instructor navigators are on the same aircraft, one is instructing a student navigator and the other is instructing a boom operator). In this case, total instructor time logged may exceed total flight time logged. A remark must be entered on the back of the AFTO Form 781 explaining rationale.

3.4.3.2. Two instructors (to include FTU) of the same specialty may fly together and each log instructor time; however, total instructor time logged may not exceed total flight time logged. (e.g., A new FTU instructor is flying with a student crew and a more experienced FTU instructor flies with the new FTU instructor; instruction can occur between the new FTU instructor and student or between the experienced FTU instructor and new instructor, but not both simultaneously. Therefore, the total instructor time logged may not exceed total flight time).

3.4.3.3. Qualified instructor pilots may log instructor time when participating in missions required by AFI 11-202V1, paragraph 2.8.

3.4.3.4. Instructors will log primary, secondary, or other time, depending on their activity, when not performing instructor duties.

3.4.3.5. Log simulator console time as instructor time if the crewmember is qualified as an instructor in the aircraft. When MAJCOMs authorize crewmembers to be instructors in the simulator only, they may log simulator console time as instructor time. MAJCOMs will determine which types of simulators qualify for this approval, e.g., operational flight trainers, weapon system trainers, etc. Otherwise, log console time as other time for those simulators which do not qualify.

3.4.4. Evaluator Flight Time. Flying time flown by a designated and certified flight evaluator while actively performing authorized flight evaluation duties. (Includes "hands on" time if coincident with performance of flight evaluator duties.) The member does not have to be occupying a primary duty station established for that specialty, but must be actually performing evaluator duties. Evaluators will also log instructor, primary, secondary, or other time, depending on their activity, when not performing evaluator duties.

NOTE:

Member must be current and certified in the aircraft to log evaluator time. When flight evaluators conduct flight evaluations on aircraft they are not qualified, IAW AFI 11-202V2, then members must log "O" or "X" as their first character per [Table A2.3](#), Flight Authorization Duty Codes.

3.4.5. **Other Flight Time.** Flying time flown by members who are on the flight authorization, but not occupying a designated duty station or conforming to the requirements of primary, secondary, instructor, or evaluator time. For example: additional or extra crewmembers taking part in the flight but not required for the mission.

3.4.6. **Logging of Combat and Combat Support Flying Time.** See [Table A2.2](#), **Authorized Mission Symbols**, for definitions of combat and combat support flying time. Once a combat zone is established, the Commander Air Force Forces (COMAFFOR) will identify which portion constitutes hostile airspace, based on risk of exposure to hostile fire. For the purposes of logging combat time (O1) the aerial activity must be accomplished in a designated combat zone within hostile airspace as defined by the COMAFFOR. (**Exception:** In cases of aircrews that employ standoff weapons, the COMAFFOR under extraordinary circumstances can make an exception to allow aircrews to log O1 combat time). COMAFFOR will publish guidelines specifying which aircraft missions may log O1/

O2 flying time as well as identify the inclusive dates that the hostile airspace is activated for logging time (see [Table A2.2.](#)). During contingencies where a combat zone is not designated but the use of force is authorized, COMAFFOR will coordinate with HQ USAF/XO to establish hostile airspace criteria and guidelines for logging O1/O2 flying time in accordance with [Table A2.2.](#) Combat and combat support time will be logged from takeoff to landing when an aircrew member meets the requirements of O1/O2 flying time (see [Table A2.2.](#)) and occupies a designated duty station and actively performs the duty associated with the aircrew specialty.

3.5. Flight Condition Time.. The categories listed in paragraph [3.4.](#) are the basis for accumulating flying experience for all flying personnel. Record all flying time accrued on a mission in the appropriate category. Provisions have been made to record, for historical purposes, a breakout of flight time by flight condition: night, instrument, and simulated instrument. Primary time flown in more than one condition simultaneously (for example, night and instrument) would result in entries under both of these categories on the form. The type of time logged must be consistent with the flight condition actually encountered or procedure accomplished. MAJCOMs may further restrict logging combinations that are inconsistent with command policy or procedures. Use the following rules in logging flight condition time:

3.5.1. Primary Night Time. That portion of primary, instructor, or evaluator flight time logged between the end of evening civil twilight and the beginning of morning civil twilight, as published in the American Air Almanac. If a proportionate share of annual flying requirements is prescribed (for example, removal from active flying, PCS, etc.), night requirements are waived. For personnel assigned at latitudes above 60 degrees north (May through August) or below 60 degrees south (November through February), night requirements are waived when removal from active flying or PCS occurs during the summer months. Only pilots, navigators, flight surgeons, and other crewmembers having night training requirements specified by Air Force or MAJCOM aircrew training publications may log this time.

NOTE:

To log primary night time, an instructor or evaluator pilot must occupy a duty station with a set of flight controls, but does not have to actively (hands-on) control the aircraft. All other instructor or evaluator crew positions having night requirements must occupy their duty station for that specialty before logging primary night time.

3.5.2. Primary Instrument Time. The portion of primary, instructor, or evaluator flight time logged when external conditions require that the aircraft attitude be maintained primarily by reference to the flight instruments. Only pilots may log this time.

3.5.3. Primary Simulated Instrument Time. The portion of primary, "hands-on" instructor, or "hands-on" evaluator time logged by an individual controlling the aircraft attitude primarily by reference to the flight instruments. Only pilots may log this time.

3.5.4. Night Vision Goggle Time. The portion of time logged by an individual wearing night vision goggles.

3.6. Nonrated Flying Time.. Nonrated aircrew members must log flying time, using the proper flight authorization duty code. Log time only when authorized on AOs and when actively performing specific inflight duties as designated by flight authorization orders (paragraph 3.9.). Aeromedical evacuation crewmembers log time only when listed on the flight authorization and actively engaged in operational air evacuation or air rescue missions; aeromedical research and development inflight; or air evacuation training missions that require AECMs in a crew position, being instructed, or being evaluated or as listed in paragraph 3.4.1.4. above.

3.6. (AFMC) Mission crewmembers (ASC 9D) who are upgrading to instructor or evaluator status will follow procedures established in AFI 11-2FT Volume 1. All other mission crewmembers who have completed required training will use flight authorization duty code "MA" and log primary time when performing in-flight duties IAW AFI 11-401, paragraphs 3.9., 3.9.1., and 3.9.2. Active operational support flyers (ASC 9C) who have completed required training will use flight authorization duty code "MZ" and log primary time when performing in-flight operational support duties IAW AFI 11-401, para 3.9.2.

Section 3C—Logging of Flight Activity (General)

3.7. Logging Flying Time for Pay.. Credit only flying time logged according to paragraph 3.3. toward incentive pay requirements (*NOTE:* See [Attachment 2, Table A2.3.](#)). (*EXCEPTION:* Air Technicians [AT] and Air Reserve Technicians [ART] must be in military status to log time for incentive pay. This Air Force Instruction and MAJCOMs define the inflight duties, which qualify individuals for ACIP, CEFIP, or HDIP.)

3.7.1. Logging Flying Time by Rated Officers Who are Qualified in One Aircraft and Not Other Types of Aircraft Assigned to Their Units.. Commanders (including unit commanders) and key supervisors (API 6 and API 8) who are qualified and maintain currency in one type aircraft, but have other types assigned to their units, may be authorized to fly in a primary crew position in assigned aircraft in which they are not qualified. Individuals will be under the supervision of an instructor for the applicable crew position. The crewmember will log an "O" or "X" as per [Table A2.3.](#) Flying time flown in "O" or "X" status does not entitle the member to OFDA credit, ACIP or HDIP.

3.7.2. (Added-AFMC) When a fully qualified crewmember is not available, DFOs may authorize rated personnel to occupy non-mandatory crew positions on a case-by-case basis. This authority will be used to enhance mission accomplishment and flight safety. Document DFO approval on AFMC Form 82 or 83 as appropriate. Rated personnel flying in this capacity must have the approval of their assigned unit supervisor. DFOs must document, in each case, the reason fully qualified crews were not available.

3.7.2.1. (Added-AFMC) Any flight involving unqualified crewmembers occupying mandatory crew positions requires HQ AFMC/DOV approval. DFOs will forward requests using AFMC Form 73, Flight Operations Waiver Request. The approval package must include name and qualifications, aircraft and position to be occupied, and proposed aircrew member training program.

3.8. Logging Flying Time by Rated Officers and Career Enlisted Aviators in Inactive Flying Status.. Personnel in such status do not log flying time in their specialty in US Government aircraft except as provided for in paragraphs 2.10.2. and 2.16. In all such cases, inactive crewmembers must maintain physical and physiological qualification for aviation service.

3.9. Nonrated Crewmembers and Operational Support Flying Time.. The inflight duties as authorized by and MAJCOM and Air Force instructions determine the proper flying duty or position symbol for logging flying time on AFTO Form 781. This flying time is accomplished by officers and enlisted members when actively performing inflight duties as follows:

3.9.1. Nonrated Crewmember Duty. When on AOs and properly assigned to an authorized non-rated aircrew position as part of the regularly constituted crew IAW AFIs 11-401, 11-402, and 65-503.

3.9.1.1. The principal duties require an individual to perform inflight on a frequent and regular basis.

3.9.1.2. The approved duties are essential to operating the aircraft systems and associated equipment used for completing a mission successfully.

3.9.2. Operational Support (Noncrew Member) Duty. These members are placed on orders for a specified time and must be properly authorized to perform inflight duties not prescribed in AFI 65-503 and to supplement a regularly constituted aircrew. They are occasionally on flying status for limited periods to perform essential and specific in-flight duties. Refer to AFI 11-402 for guidance.

3.10. Flying in Other Than Military Aircraft.. Flying time logged according to paragraph 3.3. in other than military aircraft is credited toward annual flying requirements only when directed by competent Air Force AOs and such flying is inherent in the primary duty assignment of the person concerned. Aircrews must document flight time on an AFTO Form 781 or AF Form 3250 and, except for Civil Air Patrol missions, be in aircraft with 450 horsepower or more.

3.11. Responsibility of Pilot in Command.. Enter and credit flying time on an individual's flight record only when flown according to this instruction and properly logged on AFTO Form 781 or AF Form 3250. The pilot designated, as "in command" of the aircraft is responsible for making sure the appropriate form is dated and properly completed. These forms provide an accurate record of pertinent flight data for personnel authorized to take part in the flight and to receive ACIP, CEFIP, or HDIP.

3.12. Logging Flying Time in Non-US Air Force Aircraft.. Only members performing inflight duties authorized by paragraph 1.11. may log flying time in non-Air Force aircraft for credit towards OFDA requirements or incentive pay. Otherwise only other flight time can be credited in an individual's flight records.

3.13. Logging Civilian Flying Time.. Total career flying time acquired in civilian aircraft of over 450 rated horsepower, when verified by logbook or other official record certified by authorized persons. (These authorized persons are operations officers of military aviation activities; suitable agents of commercial aviation companies; operating managers of fields from which the reported flying was performed, if in privately owned aircraft; and officials of recognized civil flying schools.) This time will be entered into AFORMS in the civilian hour block.

3.14. Logging Other US Military Time.. Total career flying time obtained in the service of other US military agencies when not officially directed by the Air Force, and when verified by logbook or other official records certified by authorized persons. Time obtained in other US military aircraft is not included in this category if performed in an official capacity (e.g., directed by competent Air Force order); such

time is recorded as Air Force rated time. This time will be entered into AFORMS in the Other US Military hour block.

3.15. Logging Foreign Military Time.. Total career flying time obtained in the service of other governments when not officially directed by the Air Force, and when verified by logbook or other official record certified by authorized persons. This time will be entered into AFORMS in the Foreign Military hour block.

3.16. Quarterly General Officer Flying Hour Information Report.. MAJCOMs will submit Quarterly GO Flying Hour Information Report (RCS: HAF-XOO(Q)9724) via message to HQ USAF/XO, with HQ USAF/XOO/XOOT as message info addresses, by the 15th of the month following each calendar quarter. This report is designated emergency status code C-3. Continue reporting during emergency conditions, delayed precedence. Submit data requirements as prescribed, but they may be delayed to allow the submission of higher precedence reports. Submit by nonelectronic means, if possible. Discontinue reporting during MINIMIZE. The report will include the following:

- 3.16.1. Name/position.
- 3.16.2. Aircraft/aircrew status.
- 3.16.3. Flight Authorization Duty Codes.
- 3.16.4. Aircrew Position Identifier Code/Aviation Service Code.
- 3.16.5. Total flying hours/sorties in all aircraft by flight time category.

3.17. Forms Prescribed.. AFTO Form 781, **AFORMS Aircrew/Mission Flight Data Document** and AF Form 3520, **Aircrew/Mission Flight Data Extract**.

3.18. (Added-AFMC) Active (Flying Status Code A) test pilots may use "FP" when actively flying the aircraft while performing qualitative or approved short-term aircraft tests or evaluations. This designation will only be used on missions when the test pilot is actively flying the aircraft. This does not authorize Test Pilot School graduates to perform duties on other missions requiring qualified aircrew members at the controls of the aircraft (e.g. functional check flights, passenger carrying missions). ACIP gate month credit will not accumulate unless the aircrew member holds a formal qualification in the aircraft.

3.19. (Added-AFMC) Active test navigators will use the appropriate aircrew certification codes when flying in aircraft in which they are qualified or seeking qualification. Use "FN" or "FW" as appropriate when actively performing test navigator duties in aircraft in which they are not qualified. ACIP gate month credit will not accumulate unless the navigator/WSO holds a formal qualification in the aircraft.

3.20. (Added-AFMC) USAFTPS pilot students will use "UP" when required to fly with an instructor pilot and "FP" when an instructor pilot is not required on a flight (e.g. after a solo qualification flight check).

3.21. (Added-AFMC) USAFTPS navigator students will use an aircrew certification code of "UN."

3.22. (Added-AFMC) USAFTPS flight test engineer students will use an aircrew certification code of "UA."

3.23. (Added-AFMC) Field units may develop and use three or four character aircrew certification codes, if desired.

3.24. (Added-AFMC) Contractor Crewmember Duty. Contractor crewmember's flight time will be annotated on the AFTO Form 781 and lined out in the same manner as if the data were extracted. Enter "0000" in block 18 for unit of assignment.

ROBERT H. FOGLESONG, . Lt General, USAF
DCS, Air and Space Operations

Attachment 1**GLOSSARY OF REFERENCES AND SUPPORTING INFORMATION*****References***

Title 10, United States Code, Section 653

Title 37, United States Code, Sections 205, 301a, and 301b

DoD Directive 1300.13, *Enlisted Crew Member Flying Duty*

DoD Directive 1340.4, *Proficiency Flying Programs*

DoD 4515.13-R, *Air Transportability Eligibility*

AFI 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Badges*

AFI 11-405, *The Pilot-Physician Program*

AFI 16-201, *Disclosure of Military Information to Foreign Governments and International Organizations*

AFI 24-101, *Passenger Movement*

AFI 35-101, *Public Affairs Policies and Procedures*

AFI 38-201, *Determining Manpower Requirements*

AFI 48-123, *Medical Examinations and Standards*

AFI 65-503, *US Air Force Cost and Planning Factors*

AFI 33-360V2, *Forms Management Program*

AFPAM 36-2211, *Guide for Management of Air Force Training System*

AFMAN 37-139, *Records Disposition Schedule*

Abbreviations and Acronyms

ABM. Air Battle Manager

ACC. Air Combat Command

ACIP. Aviation Career Incentive Pay

AEB. Aircrew Evaluation Board

AECM. Aeromedical Evacuation Crewmember

AETC. Air Education Training Command

AFCAT. Air Force Catalog

AFMC. Air Force Material Command

AFMS. Air Force Manpower Standard

AFORMS. Air Force Operations Resource Management System

AFRC. Air Force Reserve Command
AFSOC. Air Force Special Operations Command
AFSPC. Air Force Space Command
AMC. Air Mobility Command
AMOG. Air Mobility Operations Group
ANG. Air National Guard
API. Aircrew Position Indicator
ARC. Air Reserve Component
AS. Aviation Service
ASC. Aviation Service Code
ASD. Aviation Service Date
CAP. Civil Air Patrol
CCT. Combat Crew Training
CEA. Career Enlisted Aviators
CEFIP. Career Enlisted Flyer Incentive Pay
CINC. Commander in Chief
CJCS. Chairman Joint Chief of Staff
COMAFFOR. Command Air Force Forces
CONUS. Continental United States
DIA. Defense Intelligence Agency
DNIF. Duty Not Including Flying
DoD. Department of Defense
DoDFMR. Department of Defense Financial Management Regulation
DRU. Direct Reporting Units
DSAA. Defense Security Assistance Agency
DV. Distinguish Visitor
ESC. Entitlement States Code
EUCOM. European Command
FAC. Flying Activity Code
FEB. Flying Evaluation Board
FMS. Foreign Military Sales
FOA. Field Operating Agencies

FRF. Flight Record Folder
FSC. Flying Status Code
FSO. Flight Surgeon Office
FY. Fiscal Year
HDIP. Hazardous Duty Incentive Pay
HARM. Host Aviation Resource Management
HPSP. Health Professions Scholarship Program
IOT&E. Initial Operational Test and Evaluation
JRF. Jump Record Folder
MAAG. Military Assistance Advisory Group
MAJCOM. Major Command
MAP. Military Assistance Program
MCC. Mission Clinical Coordinator
MDS. Mission Design Series
MEGP. Mission Essential Ground Personnel
MPF. Military Personnel Flight
NATO. North Atlantic Treaty Organization
NDAA. National Defense Authorization Act
OFDA. Operational Flying Duty Accumulator
OMR. Optical Mark Reader
OSA. Operational Support Aircraft
OSD. Officer Service Date
OT&E. Operational Test and Evaluation
PACAF. Pacific Air Forces
PACOM. Pacific Command
PAO. Public Affairs Officer
PCA. Permanent Change of Assignment
PCS. Permanent Change of Station
PEP. Personnel Exchange Program
PMAI. Primary Mission Assigned Inventory
PQI. Professional Qualification Index
ROTC. Reserve Officer Training Corps

RPI. Rated Position Indicator

SDI. Special Duty Identifier

SEAL. Sea Air and Land

SECAF. Secretary of the Air Force

SOC. Special Operation Commander

TALCE. Tanker Airlift Control Element

TDY. Temporary Duty

TSC. Transition Status Code

U.S.C.. United States Code

UAV. Unmanned Aerial Vehicle

UFT. Undergraduate Flying Training

UPT. Undergraduate Pilot Training

USACOM. United States Atlantic Command

USAFA. United States Air Force Academy

USAFE. United States Air Forces in Europe

USAF. United States Air Force

USCENTCOM. United States Central Command

USCINCEUR. United States Commander in Chief Europe Command

USCINSTRAT. United States Commander in Chief Strategic Command

USMILGP. United States Military Group

USSOUTHCOM. United States Southern Command

USUHS. Uniformed Services University of Health Sciences

Terms

(Added-AFMC) Aircraft Under Development— New aircraft undergoing developmental test and evaluation that have not yet met IOC or as designated by HQ AFMC/DO.

Aircrew—The total complement of crewmembers (primary crewmembers and mission crewmembers) required to operate an aircraft and to complete an assigned mission. AFI 65-503 lists authorized aircrew composition.

Air Force Aircraft.. US Government aircraft under US Air Force jurisdiction.

Aviation Career Incentive Pay (ACIP).. Incentive pay for rated officers in an aviation career as authorized in the Aviation Career Incentive Act of 1974, the Aviation Career Improvement Act of 1989, and the FY 96 National Defense Authorization Act.

Aviation Service Date (ASD).. Effective date of the first order to perform flying duties. For rated officers, this date is set when the member first reports, on competent orders, to the aviation activity that

has aircraft in which he or she will receive flight training leading to an aeronautical rating (for example, entry date of SUPT, SUNT, or UPT-H class or Weapons Systems Training) or date of commission, whichever is later. For flight surgeons, the ASD equals the date all requirements for the flight surgeon rating were met, which is normally the date Course 50BY9351 or equivalent was completed. For Air Battle Managers, the ASD is the date the crewmember enters training at one of five FTU sites (Tinker, Robins, Keesler, Davis-Monthan, and Geilenkirchen AB). For career enlisted aviators, the ASD is set when the member first reports, on competent orders, to the aviation activity that has aircraft in which he or she will receive flight training leading to career enlisted aviator status.

Authentication.. The process that makes an administrative order official. Evidenced by proper signature or seal that a document is genuine and official.

Authorized Aircrews.. Aircrews authorized according to AFI 65-503, *USAF Cost and Analysis Attachment A36-1* (Authorized Aircrew Composition Active Forces), Attachment A37-1 (Authorized Aircrew Composition Reserve Forces), and Attachment A38-1, (Authorized Aircrew Composition Guard Forces).

Career Enlisted Aviator (CEA).. Personnel in AFSCs 1AXXX and 8A000.

Career Enlisted Flyer Incentive Pay (CEFIP).. Incentive pay for career enlisted aviators in an aviation career as authorized in the FY 00 NDAA.

Commander.. When used in this instruction, “commander” refers to a wing commander (or comparable level), or any level higher within the chain of command, of a flying unit to which an individual is assigned or attached for flying. If an individual is geographically separated from the wing, authority may be delegated to a group or squadron level.

Conditional Entitlement.. The requirement for any aircrew member in an aviation status or career to meet monthly flying requirements to receive ACIP, CEFIP, and HDIP.

Continuous Entitlement.. The condition under which rated officers and career enlisted aviators in an aviation career are entitled to receive ACIP or CEFIP without regard to flying activity.

Continuation Training.. Training in which personnel already qualified in their respective aircrew positions maintain their assigned level of proficiency.

(Added-AFMC) Critical Phases of Flight—Taxi; takeoff; departure; approach; landing; refueling; midair retrieval; dropping of equipment, personnel, vehicles, or stores; real or simulated emergencies; flight below 3000 ft AGL (300 ft AGL for helicopters); touch and go landings; and any operations designated by the DFO.

Deadhead Time.—Time computed while traveling in passenger status.

Flight.. For the purpose of this instruction only, a flight is synonymous with a mission.

Frequent and Regular.. “Frequent and regular” is a DoD 7000.14-R, Volume 7A, Part Two, term which establishes the minimum monthly flight requirements to be entitled to conditional Aviation Career Incentive Pay (ACIP), Career Enlisted Flight Incentive Pay (CEFIP), or Hazardous Duty Incentive Pay (HDIP). DoD 7000.14-R, Volume 7A, Part Two, sets the minimum at four hours for active duty (DoDFMR, Part Two) and two hours for Air Reserve Components (ARC) per calendar month, or a prorated share for lesser periods. By itself, the requirement to fly frequently and regularly is not justification to assign an individual to aircrew or operational support flyer status. There must be a need to perform inflight duties.

Gate.. Identifies a point in a rated officer's or CEA's aviation career at which utilization is measured according to the Aviation Career Incentive Act, the Aviation Career Improvement Act, the FY 96 National Defense Authorization Act, or the FY 00 National Defense Authorization Act. Utilization is measured at the 12th and 18th year of aviation service for rated officers, and 10th, 15th, and 20th years of aviation service for CEAs. A transition period is in effect for rated officers until 1 October 2003.

Government Aircraft.. An aircraft owned, operated, or leased by the US Government.

Host Aviation Resource Manager.. The sole approval authority (except for HQ USAF/XOOT) at each flying base, that determines entitlement and the starting and stopping of Aviation Career Incentive Pay (ACIP), Career Enlisted Flyer Incentive Pay (CEFIP), and Hazardous Duty Incentive Pay (HDIP) for flying and parachute duties; interprets public law as it pertains to these incentive pays along with auditing and reconciliation of these incentive pays; is the single point of contact for AFORMS.

Host Aviation Resource Management Office.. The office responsible for determining entitlement to ACIP, CEFIP, and HDIP and the AFORMS along with flight and jump record management.

Hazardous Duty Incentive Pay (HDIP).. Incentive pay authorized for personnel required to perform flying duties on a frequent and regular basis.

Instrument Flight.. For the purpose of this instruction only, instrument flight is defined as flight conducted in conditions that do not permit visual reference to the horizon, ground, clouds or water.

Interfly.. The exchange and/or substitution of aircrews and aircraft between MAJCOMs.

(Added-AFMC) Mandatory Pilot Position—A pilot position defined in the flight manual as part of the minimum crew. A position that a pilot must occupy during critical phases of flight (for example, the front seat of a T-38, both pilot seats of a C-135, etc.).

Mission.—For the purpose of this instruction only, mission is defined as a primary objective for which an aircraft is operated (see Mission Symbols) and which may consist of an increment of one or more sorties. For example, a mission may involve two sorties, or in the case of an inflight refueling, several missions may be accomplished in one sortie.

Mission Crew.. The total complement of personnel (officer and enlisted), other than the flight crew, required for airborne operation of mission systems or for airborne duties essential to completing the aircraft's mission. Mission crewmembers must be on aeronautical orders and assigned to a valid crew position IAW AFI 65-503.

Mission Essential Ground Personnel.. A category of passenger as defined by MAJCOMs in MAJCOM Supplements to this instruction.

Officer Service Date (OSD).. Effective date of service as a commissioned, warrant, or flight officer, whether or not served on extended active duty. This is usually equivalent to total federal commissioned service date backdated by any period served as a warrant or flight officer. For flight surgeons, the OSD includes constructive service granted medical officers in the computation of creditable service for basic pay.

Operational Flying.. Flying performed under competent orders by rated and CEA personnel (primarily for mission, support, or training purposes) while serving in an assignment where basic flying skills usually are maintained for performing assigned duties.

Operational Support Flyer.. Any individual whose primary, full-time duty does not require flying;

however, the Air Force may require these individuals to fly on an infrequent or irregular basis in order to perform a specific, essential in-flight duty which a regularly assigned primary or mission crewmember cannot perform. Duties may include, but are not limited to, in-flight test, operation or maintenance of aircraft systems or installed equipment. Commanders (including unit commanders) must authorize and request the local HARM office to place operational support flyers on AOs, if the requirements established in AFI 11-402, Chapter 6, are met, in order to receive hazardous duty incentive pay.

Orientation Flight.. Continuous flights in DoD-owned aircraft that depart and return to the same location without stopping at another location.

(Added-AFMC) Personnel Who Fly On AFMC Aircraft:

(Added-AFMC) Maintenance/Engineering Support Personnel (MESP)—An individual whose particular expertise is required in-flight to provide assistance with or observation of test techniques, data collection, systems operation, support resource, or crew procedures.

(Added-AFMC) Mission Essential Ground Personnel (MEGP)—An individual who performs unique ground support duties related and essential to a particular aircraft, mission, exercise, or deployment.

(Added-AFMC) Passengers—Persons authorized to fly according to DoD 4515.13-R and whose sole purpose for being on an aircraft is transport. Passengers do not have specific airborne related duties while onboard an aircraft.

(Added-AFMC) Pilot in Command—The Pilot in Command (PIC) is the rated aircrew member designated responsible for the safe and effective accomplishment of the assigned mission. The PIC is vested with the authority to manage the aircrew and aircraft to accomplish the mission. The designation begins with mission planning and ends upon completion of post-mission documentation.

Point-to-Point.—When used in reference to orientation flights, point-to-point means flights that takeoff from one location and land at a different location. Such flights require MAJCOM/CC or SECAF approval as specified in [Table 1.1](#) of this instruction.

Primary Aircrew Member.. Personnel whose primary duty is to fly the unit equipped aircraft.

Sortie.. An operational flight by one aircraft. A sortie begins when the aircraft begins to move forward on takeoff or takes off vertically from rest at any point of support. It ends after airborne flight when the aircraft returns to the surface and either of the following conditions occur: a) the engines are stopped, or the aircraft is on the surface for five minutes, whichever occurs first; or, b) a change is made in the crew which enplanes or deplanes a crewmember.

STANAG 3526 AMD.. Interchangability of NATO Aircrew Medical Categories.

Supervisory Aircrew or Staff Member.. Personnel in supervisory or staff positions (API 6, 8, B, and D) who actively fly; or (API 3, 4, C, and E) which requires aircrew expertise but are not required to fly. They include, but are not limited to, unit commanders, operations officers, flying safety, and standardization officers.

Training Level.. Assigned to individuals based on the continuation training aircrew status (basic aircraft qualification, basic mission capable, or mission ready/combat mission ready) they are required to maintain.

Training Period.. Any training period determined by the MAJCOM or Wing in which training requirements are performed.

Unit Commander.. When used in this instruction, “unit commander” refers to the squadron commander (or comparable level) or higher level within the chain of command.

(Added-AFMC) VIPs include:—

- Key federal, state, and foreign officials.
- Members of Congress or congressional staff members.
- US or foreign general or flag officers.
- Federal employee equivalent to a general or flag officer.
- Members of the news media.
- Celebrities.
- Business, civic or industrial leaders.

Attachment 2**INSTRUCTIONS FOR USING AFTO FORM 781, AFORMS AIRCREW/MISSION FLIGHT DATA DOCUMENT**

A2.1. Purpose. The AFTO Form 781-series provides maintenance, inspection, service configuration, and flight operations records for weapon or support systems. AFTO Form 781 is the source document for recording and reporting operational flight or training device information for each individual authorized to take part in a mission. This form is the primary record of both personnel and aerospace vehicle flying hours. It is the official record to validate flight pay eligibility for rated, CEA, and other nonrated officer and enlisted members required to fly. The original AFTO Form 781, **AFORMS Aircrew/Mission Flight Data Document**, must be maintained in the HARM office that services the unit to which the aircraft is assigned.

A2.1. (AFMC) AFTO Form 781. Flying units may computer generate this form provided the original format and information is retained.

A2.2. Scope.. These instructions apply to all rated, CEA, and other nonrated officer and enlisted members authorized to log flying or training device time in an airborne duty or position for the purpose of maintaining an official Air Force Individual Flight Record.

A2.3. Responsibilities.. The AFTO Form 781 is established by TO 00-20-5. Maintenance personnel are responsible for distributing and collecting these forms. Completing AFTO Form 781 and other forms in that series is a joint responsibility of maintenance personnel and the pilot in command.

A2.3.1. The crew chief or alternate ensures a sufficient number of copies of AFTO Form 781 are onboard the aircraft and completes items 2 through 5 on a sufficient number of copies to fulfill mission requirements.

A2.3.2. The pilot in command makes sure the AFTO Form 781 is dated and properly completed to show all pertinent flying data and the flying time for all personnel who are authorized to take part in the flight. The pilot in command:

A2.3.2.1. Before flight, reviews the aircraft status as indicated on AFTO Forms in the 781-series and then signs the exceptional release, if not previously signed by maintenance.

A2.3.2.2. Documents all discrepancies observed before, during, and after flight on AFTO Form 781A, **Maintenance Discrepancy and Work Document**.

A2.3.2.3. After the flight is completed, fills in the required entries in item 10, Flight Condition Data (AFTO Form 781H, **Aerospace Vehicle Flight Status and Maintenance Document**) and initials item 35 of AFTO Form 781.

A2.3.3. The completed AFTO Form 781 must be removed from the AFTO Form 781 binder after the information is entered at the maintenance debriefing and the form hand-carried to either the Squadron Operations System Management (SOSM) or maintenance plans and scheduling office (MAJCOM option).

A2.3.4. Each unit operations officer:

A2.3.4.1. Gives to the maintenance organization that services the aircraft assigned to that unit the necessary organization and location information to be entered in items 4 and 5 of AFTO Form 781. This ensures completed forms are sent to the proper SOSM or HARM for entry into the AFORMS.

A2.3.4.2. Ensures a responsible individual audits the unit's AFTO Forms 781 for accuracy and legibility and initials in item 36 of the form before sending it to the HARM. Where local procedures establish the HARM as the auditing agency, the responsible individual from that office initials the form in item 36.

A2.3.4.3. The original copy of the AFTO Form 781 must be returned to the HARM that services the unit to which the aircraft is assigned.

Table A2.1. AFTO Form 781 Entries According to TO 00-20-5.

Item	Enter
2	MDS designator from AFTO Form 781F, item 3.
3	Full aircraft serial number (year and six digits).
4	Organization to which the aircraft is assigned. Show command designation in parentheses (for example, 388 FW (ACC) and the four-letter code of the HARM which serves that organization (obtain from the unit operations). Use the HARM which processes and files the original forms.
5	The base of the unit of aircraft assignment.
AFTO Form 781 Entries the Pilot in Command Certifies	
1	Date. Use numerical digits for year, month, and day. The date must be the Greenwich Mean Time (GMT) date.
6	Mission number assigned for this leg of the mission (MAJCOM option).
(AFMC) 6	Flying units may determine mission numbers applicable to their operations.
7	Authorized mission symbol for each flight. Fliers may enter all flights on the same GMT date on a single AFTO Form 781.
(AFMC) 7	Use mission symbols in AFI 11-401, Table A2.2. or Table A2.5. of this supplement.
8	PEID. N/A.
9	International Civil Aviation Organization (ICAO) code for the base or airport where the aircraft takes off. If a flight is continued from a previous entry, enter "INFL."
10	Base ICAO code for the base or airport where the aircraft lands. If a flight is terminated without landing for a change in mission symbol, enter "INFL."
11	24-hour GMT clock time. The takeoff time is when the aircraft begins to move forward on takeoff roll.
12	24-hour GMT clock time. The landing is when the aircraft is on the ground after being airborne and any of the following conditions occur: a. The engines are stopped and the shutdown occurs at or before five minutes after touch down. b. The aircraft has been on the ground for five minutes after touchdown. However, a series of practice landings is considered as one flight and this information does not apply. c. A change is made in the crew which enplanes or deplanes a crewmember. NOTE: When a flight starts before 2400 GMT and ends after Zulu midnight (2400Z), record and report the flight on the date of takeoff. A separate AFTO Form 781 is not necessary.
13	Subtract takeoff time from landing time, convert to hours and tenths, and enter the result. The conversion table for minutes to tenths of an hour is on the reverse of the form.
14	Number of touch-and-go and full stop landings, and the total of both.
15	Number of sorties accomplished on each flight. A sortie covers a flight from first take off to final landing. However, if any flight entry is split, the sortie must be recorded on the flight that lists the actual point of final landing.

Item	Enter
16	Specified by MAJCOM.
17	Unit designated to perform this mission (MAJCOM option).
TOTALS	Total flight time, landings, and sorties at the end of the mission or day.
18	Four-digit unit number of the organization to which the crewmember is assigned for flying. Use leading zeros when the unit number has fewer than four digits.
19	SSN of the crewmember. Any error in this entry will result in time being lost or credited to another crewmember.
20	Crewmember's last name (printed).
21	Flight Authorization Duty Code assigned on the Flight Authorization to the crewmember for this mission. This code cannot be higher than the individual's current qualification and what the individual crewmember will be performing on the mission. For example, if the individual's highest crew position is an instructor pilot, but the individual is not scheduled or required to perform instructor duties on a mission, the individual's highest crew position will not be listed on the Flight Authorization; a lower crew position will be listed to indicate what duties the individual was scheduled to perform (Table A2.3.).
22-27	Times in hours and tenths for each category as defined in this instruction, Chapter 3 . The total time in item 27 cannot exceed the grand total in item 13 column and total of items 22 through 26 cannot exceed item 27.
28	Total number of sorties for this crewmember. This entry is normally the total of item 15 column.
29-31	Hours and tenths of time performed in night, instrument, or simulated conditions, as defined in this instruction, Chapter 3 .
32	Hours and tenths of time performed while wearing night vision goggles.
33	Air Reserve Component Flight Duty Status Code for the crewmember, if applicable. If used: 1=Active Duty, 2=Inactive Duty, 3=Flying Training Period, 4=Civilian Technician.
34	Initials of maintenance personnel at the debriefing who reviewed the form and the Identifier for the aircraft entered in item 35.
35	Supplied at maintenance debriefing. This entry will be used to send the aircraft flying time update to maintenance from AFORMS (if used).
36	Initials of the pilot in command who certifies form accuracy.
37	Initials of the unit operations officer or operations resource management technician who verifies the accuracy and legibility of the form prior to entry into the data system.
38	Six-digit date, local time of input, and signature. The AFORMS input operator completes this item. Use this information to audit and troubleshoot data entries into AFORMS.

Figure A2.1. Sample AFTO Form 781, AFORMS Aircrew/Mission Flight Data Document.

THIS FORM IS SUBJECT TO THE PRIVACY ACT OF 1974 - SEE REVERSE

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AF TO FORM 781, 18 SEP 2002 (E-72)

PILOT SIGNATURE: *ST*

COPIES: *CB*

DATE AND TIME: 20010720

SIGNATURE: *James L. Hendrix*

AF FORMS AIRCRAFT/MISSION FLIGHT DATA DOCUMENT

DEVICE: 444

A2.4. Extract AFTO Form 781.. Each individual on the form whose flight records are maintained by another HARM prepares a data extract copy of the original AFTO Form 781 to be sent, usually within five workdays, to that member's HARM. If more than one individual named on the form is serviced by the HARM, a single data extract copy may be used.

A2.4.1. Individuals whose flight records have been closed out, to transfer custody must prepare a data extract form for each authorized flight during that period.

A2.4.2. The data extract AFTO Form 781 must include all heading information from blocks 1 through 15 and all individual entries from columns 18 through 33 of the original AFTO Form 781.

A2.4.3. For each line entry of the data extract form, a line must be lightly drawn through the corresponding line entry on the original form.

A2.4.4. The data extract form is so identified and certified, either by a commissioned officer (preferably the pilot in command), or by the HARM Chief/Superintendent.

A2.4.5. The AF Form 3520 is an authorized replacement for the extract form when appropriately filled in and certified. These forms may be used when flights occur in more than one aircraft or calendar day.

A2.5. Privacy Act Advisement for AFTO Form 781.. Personnel who furnish personal information for completing the AFTO Form 781 are advised to read the Privacy Act Statement on the back of the form.

A2.6. AFTO Forms 781-Series.. The AFTO Form 781 is used to record operational flight data. Other forms in the series, important to the pilot, give detailed information that concern the status, servicing, and configuration of the aircraft or list symbols needed to properly complete other forms in the series. Although explained in detail in TO 00-20-5, these forms are briefly reviewed to assist aircrew personnel.

A2.6.1. AFTO Form 781A, Maintenance Discrepancy and Work Document.. Used to document each discrepancy discovered by the pilot, other crewmembers, or maintenance personnel. It must be checked by the pilot before flight to provide a general status review of the aircraft. Use this form to enter any discrepancies discovered and not previously reported.

A2.6.2. AFTO Form 781F, Aerospace Vehicle Flight Report and Maintenance Document.. The cover sheet for AFTO Form 781-series folder or binder in each aircraft. The face gives information that concerns the vehicle including MDS, serial number, organization and location, station code, servicing, and inventory data. The reverse of the form has valid airborne duty and position codes authorized by this instruction.

A2.6.3. AFTO Form 781G, General Mission Classification-Mission Symbols.. Lists the valid US Air Force mission symbols specified in [Table A2.2](#).

A2.6.4. AFTO Form 781H, Aerospace Vehicle Flight Status and Maintenance Document..

Used for transcribing operational flight data needed by maintenance. Maintenance status and servicing information are documented to provide operating personnel with a ready reference as to the status of the aircraft or air launched missile. It shows the status and history of inspections related to the daily flying activity of the day involved. It is used by the pilot to document aerospace vehicle time, full stop and total landings, cartridge starts, and engine cycles for each flight. It is also used by the pilot to report functional check flights and to record flight condition data. The pilot in command must

make sure the date entered in parts of AFTO Form 781H that apply to each flight agree with AFTO Form 781 data for the corresponding flight line entry.

A2.6.5. AFTO Form 781M, Status Symbols and Functional System Codes.. Contains the system numbers, general grouping, and system title codes used by maintenance and aircrews that are required to complete other forms in the AFTO Form 781-series.

Table A2.2. Authorized Mission Symbols.

Authorized Mission Symbols (<i>NOTE:</i> Only mission symbols listed in this table are valid. In AFORMS the mission symbol is a five-character field. The first two characters must be IAW this table. MAJCOMs may assign additional characters as required (see notes 1 and 2 at end of table).	
CA (Outside of Combat Environment), Air Rescue CF Coded Aircraft Missions, and TF Coded Aircraft Missions as applicable	
A1	Scheduled Flights. Missions where the main goal is to move cargo or passengers on a scheduled frequency.
A2	Scheduled Air Evacuation Flights. Missions where the main goal is to move patients on a scheduled frequency.
A3	Nonscheduled Air Evacuation Flights. Missions where the main goal is to move patients who require immediate evacuation to the proper treatment facility.
A4	Nonscheduled Logistics. Missions where the main goal is to move cargo or passengers on other than scheduled flights.
A5	Positioning or Repositioning. The nonproductive part of a flight that is required to locate an aircraft at a station for onloading or returning an aircraft to home station.
A6	Tactical Training. Missions where the main goal is joint airlift that includes personnel and equipment or supply drops.
A7	Other. Classified or other special missions.
A8	Contingency Operations. Contingency missions directed by HQ USAF.
A9	United Nations (UN) Missions. Missions in support of UN operations, as directed by HQ USAF.
SUPPORT MISSIONS (CA and Z coded operational support aircraft only)	
S1	Administrative. Missions in which the main purpose is aerial transportation of personnel accomplishing executive and administrative functions. These include staff or command ordered flights. Also includes Air Reserve Officer Training Corps (ROTC), Air Explorers, and Civil Air Patrol (CAP) indoctrination and similar flights.
S2	Personnel. Missions in which the main purpose is to move personnel by air. This symbol includes courier flights. It does not include flights by Air Mobility Command (AMC) common user passenger or cargo transports completing single manager operations for airlift services.
S3	Material and Supplies. Missions in which the main purpose is to move material and supplies by air. Does not include flights by AMC common user passenger or cargo transports completing single manager operations for airlift services.

S4	Logistics. Missions in which the main purpose is to move personnel, material, and supplies by air. This symbol includes flights in direct support of combat and combat support unit operations. Does not include flights by AMC common user passenger or cargo transport.
SUPPORT MISSIONS (CA and Z coded operational support aircraft only) (Continued)	
S5	Special. Missions in which the main purpose is to complete specific special activities of the Air Force and other governmental agencies, such as: target missions for air defense purposes, tow missions for defense and tactical forces, local search and rescue, civil relief, mercy missions and air demonstration flights.
S6	Navigational Aids (NAVAIDS) Check. Missions in which the main purpose is to flight-check radar and NAVAIDS.
S7	Aircrew Qualification. Missions in which aircrew members who occupy aircrew or designated instructor crew positions complete standardization and instrument check flights as well as qualification and currency flights.
S8	Support Training. Missions in which the main purpose is to meet semiannual flying requirements (including instrument and qualification checks) as prescribed by this instruction. This symbol is used by "behind-the-line" aircrews who are not assigned to designated aircrew positions.
TRAINING MISSIONS (NOTE: T mission symbols used by force structure aircraft in assignment codes CB, CC, CF, CA, and TF.)	
T1	Student Training. Missions where the main goal is to instruct and train pilots and aircrew under the direction of Air Education and Training Command (AETC) or other USAF Activities engaged in formal student instruction (include flying of instructors in the course of student training).
CA (Outside of Combat Environment), Air Rescue CF Coded Aircraft Missions, and TF Coded Aircraft Missions as applicable	
T2	Formal Major Weapon System (MWS) Training. Instruction and training of pilots and crews undergoing initial MWS crew training in designated Formal Training Units.
T3	Operational Training. Missions where the main goal is gunnery, bombing, reconnaissance, navigation, instrument, target missions for air defense purposes, towing targets, search and rescue, transportation of cargo or personnel (excludes flights of AMC common user passenger or cargo transports accomplishing single manager operations for airlift service), and continuation training.
T4	Special. Missions in which the main purpose is the direct support of nonmilitary activities such as civil relief, mercy missions, health, communications, public works, and others contributing to the economic and social well-being of the nation.
T5	Reserved for future use
T6	LOW LEVEL MISSIONS (defined by MAJCOMs).
T7	Reserved for future use
T8	Tanker Task Force Support. Missions flown by TDY (deployed) tanker aircrews in support of regional tanker task forces (excluding counter narcotics).
T9	Reserved for future use.

OPERATIONS MISSIONS	
O1	Combat. Aerial activity, engagements, or attacks conducted by aircraft against an enemy of the US or an opposing foreign force when there is risk of exposure to hostile fire. Aerial activity in support of forces engaged in combat when there is risk of exposure to hostile fire. Once a combat zone is established, the Commander Air Force Forces (COMAFFOR) will identify which portion constitutes hostile airspace, based on risk of exposure to hostile fire. For the purposes of logging combat time (O1) the aerial activity must be accomplished in a designated combat zone within hostile airspace as defined by the COMAFFOR. (EXCEPTION: In cases of aircrews that employ standoff weapons, the COMAFFOR under extraordinary circumstances can make an exception to allow aircrews to log O1 combat time). COMAFFOR will publish guidelines specifying which aircraft missions may log O1/O2 flying time as well as identify the inclusive dates that the hostile airspace is activated for logging time. During contingencies where a combat zone is not designated but the use of force is authorized, COMAFFOR will coordinate with HQ USAF/XO to establish hostile airspace criteria and guidelines for logging O1 flying time. NOTE: COMAFFOR must issue new guidance and procedures every two years to ensure all Air Force units are aware of the current policy.
O2	Combat Support. Aerial activity, engagements, or attacks conducted by aircraft against an enemy of the US or an opposing foreign force that operate outside the designated hostile airspace. Aerial activity directly supporting forces engaged in combat or directly supporting those who are actively supporting combat when the aerial activity occurs outside the designated hostile airspace. Hostile airspace is determined as described above under O1.
O3	Aircraft Delivery. Aircraft delivery flights under the control of Air Combat Command (ACC), including inter-command transfers; US Air Force, Navy, or other pilots attached to ACC for purposes of delivering aircraft delivery organizations as well as "borrowed" crews. Also includes aircraft deliveries other than under ACC control.
O4	Test. Missions where the main goal is engineering testing of aerospace vehicles (including the airframe, propulsion units, and components that are integral parts of the vehicle being tested).
O5	Direct Test Support. Missions which are performed in direct support of research, development, test or engineering program for data acquisition. Includes flights to and from test locations.
O6	Indirect Test Support. Missions in which the main goal is to accomplish simulated mission profiles in preparation for approved test programs. Included in this category are missions in E, D and CB coded aircraft in which the main goal is proficiency flying training, initial checkout, requalification, annual instrument and proficiency check, etc.
O7	Special (Air Force Materiel Command [AFMC] use only). Missions performed in E and CF coded aircraft that do not fall within the categories explained above and missions in B or D coded unairworthy aircraft to relocate a damaged aircraft to a repair facility. Includes missions such as search and rescue, demonstrations, record attempts, flight inspections, traffic control and landing system (TRACALS) evaluations, and air traffic control operational evaluations.
O8	Maintenance Tests. Missions where the main goal is to perform functional check flights after completing inspections or maintenance to make sure that the aircraft is airworthy and capable of mission accomplishment. This symbol applies to aircraft in all assignment codes.
CA (Outside of Combat Environment) and Air Rescue CF Coded Aircraft Missions	

O9	Operational Reconnaissance. Aerial activity or engagements conducted by committed units or aircraft that have as a main goal higher headquarters directed reconnaissance missions that do not fall in the other categories explained above. This symbol applies to peacetime air defense scrambles.
P1-P5	As directed by HQ USAF (See Note 2).
P6	Counter-Narcotics Support. Missions flown in support of Counter-Narcotics operations.
P7-P9	As directed by HQ USAF (See Note 2).
R1-R9	As directed by HQ USAF (See Note 2).
C1	AIRBORNE ALERT MISSIONS (defined by MAJCOMs).
C2-C9	As directed by HQ USAF (See Note 2).
OPERATIONS NOTES: 1. For all missions flown in designated combat areas, the suffix A is used to differentiate those O-1 missions where aerial delivery/recovery of airborne forces/equipment, ordnance expended, or direct exposure to hostile fire occurred. The suffix B is used on designated combat missions established by HQ USAF that result in personnel tour curtailment or other personnel actions. 2. For the P, R, and C mission symbols, use the following third character suffixes to identify specific MAJCOM usage: AMC use A, B, C; ACC use D, E, F; USAFE use G, H, I, J; PACAF use K, L, M; AFSOC use N, O, P; ANG use Q, R, S; and AFRC use T, U, V; AETC use W, X. Guard and Reserve units will coordinate with their gaining MAJCOM to determine if the Guard/Reserve or active duty MAJCOM suffix will be used. MAJCOMs will provide HQ USAF/XOOT a copy of directives on the use of these mission symbols.	
INDUSTRIAL FUNDED AIRCRAFT MISSION CLASSIFICATIONS (L, M, and N for force structure aircraft in assignment codes CA, CC, TF, and IF)	
L1-L8	Contingency. Special transport missions that support contingency plans and test exercises. HQ AMC assigns symbol in the operation order (OPORD). If no OPORD is written, AMC's Tanker Airlift Control Center (TACC) assigns symbol to be used.
M1	Cargo. Scheduled transport missions where the main goal is to move cargo.
M2	Passenger or Patients. Scheduled transport missions in which the main goal is to move passengers or patients. Suffix "L" is reserved for patient flights. Suffix "P" is reserved for passenger flights.
M3	Cargo or Passengers. Scheduled transport missions in which the main goal is to move mixed loads (cargo or passengers).
M4	Positioning for Channel. Locating an aircraft at a station for channel traffic onloads. This includes missions from the offload station of a special assignment airlift mission (SAAM) or contingency mission to the onload station of a channel traffic mission.
M5	Depositioning for Channel. Returning an aircraft to home station from channel traffic offload station and to return an aircraft to backup position from an offload or termination point of any mission where backup equipment has been used.
M6	Special Assignment. Transport missions in which the main goal is to complete special assignment airlift missions. These missions include hours logged from the time the aircraft departs home station or is diverted from channel traffic (scheduled mission) until the aircraft returns to channel traffic operations.

M7	Non-revenue. Nonscheduled missions operated in support of the airlift force other than exercises.
M8	Joint Airborne or Air Transportability Training. Transport missions where the main goal is joint airborne training.
N1	Training and Standardization. Training and standardization evaluation flights for personnel assigned or attached to a tactical or transport unit.
N2	Tactical Training. Unilateral tactical training other than joint airborne training. This includes airdrop, formation flying, and low-level navigation training missions.
N3	Search. Industrially funded aircraft diverted to perform search missions. Symbol is used starting with time of diversion until aircraft returns to normal mission.
CA (Outside of Combat Environment) and Air Rescue CF Coded Aircraft Missions	
N4-N8	Reserved for Future Use. These symbols are used to complement the contingency mission symbols as assigned by TACC.
SIMULATOR TRAINER CLASSIFICATIONS	
Q1	Student Training. Instruction and training of pilots and crews under the direction of AETC or other US Air Force activities engaged in formal student instruction.
Q2	Mission Training. Synthetic trainer or simulator missions where the main goal is training tactical and support aircrews.
Q3	Maintenance Tests. Performance of functional check flights.
Q5	Simulator Test. Missions to acquire data or verify simulator performance, handling qualities, and systems.
<i>SIMULATOR NOTES:</i> 1. Suffix "E" is reserved for engineering tests (hardware, software design, or development). 2. Suffix "F" is reserved for human factors research missions.	

Table A2.2. (AFMC) Authorized Mission Symbols

Line	Use mission symbols from AFI 11-401, Attachment 2, Table A2.2, if flight does not fit any of the definitions listed below		
	A	B	C
	Mission	Short Title	Definition
1	O-3A	Delivery	Aircraft delivery to, or pickup from AFMC depots, contractor facilities, or other commands, bases, or facilities.
2	O-5E	Specific Test Support	All as described in O-5 except O-5F.
3	O-5F	Specific Test Support Profile	Practice over and above normal AFI 11-202 and AFI 11-2FT series mission training to gain proficiency in events directly identifiable with and necessary for a particular test program. Chargeable to the test program.
4	O-6E	Qualification Training	Initial qualification and requalification. Includes training for basic aircraft qualification and instructor upgrade. Initial and requalification evaluation flights. (Phase I training)
5	O-6F	Continuation Training	Proficiency training and recurring evaluation flights required by AFI 11-202 and AFI 11-2FT series. (Phase III training)
6	O-6G	Mission Qualification Training	Training required for mission qualification and requalification. (Phase II training)
7	O-7	Special Missions	Missions performed in E and CF coded aircraft that do not fall in other categories. Also used for B or D coded unairworthy aircraft to move the damaged aircraft to a repair facility. Includes search and rescue, air shows, aerial demonstrations, record attempts, etc. Forward request to HQ AFMC/DOO for HQ AFMC/DO approval.
8	O-8	Maintenance Test	All described in O-8 except O-8F.
9	O-8F	Equipment Check	Trouble shooting flights, subsequent ACF/FCF flights as defined by AFI 11-2FT Vol 3 Chap 9, or operational checks that don't require an FCF crew and are not subject to FCF crew limitations.
10	T-3A	TPS Upgrade	Upgrade flights by TPS instructors to attain/maintain qualification/currency in TPS curriculum missions, including minimum time requirements for IP upgrade.
11	T-3B	Continuation Training (TPS)	Flights by TPS instructors to maintain currency and proficiency as required by AFI 11-202 and aircraft specific series.
12	T-3E	Recurring Checkride (TPS)	

A2.6.6. Flight Authorization Duty Codes.. Flight authorization duty codes identify the aircrew member's flight duty status. They are four letter codes and MAJCOMs have the option to specify the third and fourth characters.

Table A2.3. Flight Authorization Duty Codes.

Aircrew Certification Codes (First Character)		Valid to allow aircrew members to meet requirements for OFDA, ACIP, CEFIP, or HDIP
E	Evaluator qualified	Yes
F	Qualified in basic weapon system	Yes
I	Instructor qualified	Yes
M	Mission qualified in weapon system	Yes
O	Crewmembers (active or inactive) in aircraft in which they are not qualified (grades Colonel and above)	No
S	Student enrolled in Undergraduate Flying Training	Yes
U	Obtaining initial qualification or requalification in the weapon system	Yes
X	Crewmembers (active or inactive) in aircraft in which they are not qualified (grades Lt Colonel and below)	No
Position Identifiers (Second Character)		
A	Other Aircrew Member	Yes
B	Boom Operator	Yes
C	Copilot	Yes
D	Parachutist	Yes
E	Electronic Warfare Officer or Defensive System Operator	Yes
F	Flight Engineer	Yes
G	Aerial Gunner	Yes
H	Flight Nurse	Yes
I	Combat Controller	Yes
J	Pararescue Member	Yes
K	Airborne Communications System	Yes
L	Loadmaster or Dropsonde	Yes
M	Airborne Mission Systems	Yes
N	Navigator	Yes
O	Air Battle Manager	Yes
P	Pilot	Yes
Q	Airborne Linguist	Yes
R	Navigator-Bombardier or Offensive Systems Operator	Yes
S	Flight Surgeon	Yes
T	Flight Attendant	Yes

Aircrew Certification Codes (First Character)		Valid to allow aircrew members to meet requirements for OFDA, ACIP, CEFIP, or HDIP
U	UAV Operator	No
V	Airborne Battle Management Systems	Yes
W	Weapon System Officer	Yes
Z	Operational Support or Airborne Battle Staff	Yes

NOTES:

To meet OFDA, ACIP, CEFIP, or HDIP requirements, aircrew members must:

1. Log their flight time using both an aircrew certification code and position identifier valid to credit time (a "yes" in column 3).
2. Log primary, secondary or instructor flight time. Evaluator flight time is also creditable when the evaluator is current in the aircraft. Otherwise the evaluator should use the aircrew certification code O or X.
3. Be attaining or maintaining qualification in the aircraft.
4. Operational support fliers must log primary time to meet the requirement for HDIP. When not performing primary duties, they will log other time.

A2.6.7. Standard Training Event Identifiers. [Table A2.4.](#) shows the training event identifiers to use for all Air Force personnel in AFORMS.

Table A2.4. Standard Training Event Identifiers.

Identifier	Description
AA01	Qualification Evaluation
AA02	Qualification Evaluation, Simulator
AA11	Instrument Evaluation
AA12	Instrument Evaluation, Simulator
AA21	Combined Qualification and Instrument Evaluation
AA22	Combined Qualification and Instrument Evaluation, Simulator
LL01	Life Support Familiarization Training
LL02	Emergency Egress Training -Ejection Seat
LL03	Emergency Egress Training -Non Ejection Seat
LL04	Aircrew Chemical Defense Training (ACDT)
LL05	Egress Training with ACDE
LL06	Life Support Equipment Training
PP12	Centrifuge Training
SS01	Basic Survival
SS20	Combat Survival Training, Level C (S-V80-A)
SS21	Combat Survival Training, Level B
SS22	Combat Survival Training, Level C Top Off
SS23	Combat Survival Training, USAFA Level B
SS24	Survival Training (S-V83-A)
SS25	High Risk Survival Training, Level C (S-V91-A)
SS26	Peacetime Governmental Detention, Level B
SS27	Hostage Survival Training, Level C (S-V93-A)
SS28	Hostage Survival Training, Level B
SS29	Survival Training (S-V82-A)
SS30	Underwater Egress Training (S-V84-A)
SS31	Water Survival Training, Parachuting (S-V86-A)
SS32	Water Survival Training, Non-Parachuting (S-V90-A)
SS33	Arctic Survival Training (S-V87-A)
WW01	Water Survival
VV01	Night Vision Goggle

NOTE:

Double letters identify Air Force specified training events.

Attachment 3**PREPARING AERONAUTICAL ORDERS****A3.1. Purpose Explained..** Aeronautical orders (AO) are:

A3.1.1. Published on AF Form 1887, **Request and Authorization for Aeronautical Orders**, or on an approved computer output format to validate individual qualification for aviation and parachutist service; to authorize and direct individual performance of duty that involves frequent and regular participation in aerial flight or parachute duties; and to establish or terminate individual entitlement to aviation career incentive pay (ACIP), career enlisted flyer incentive pay (CEFIP), and hazardous duty incentive pay (HDIP).

A3.1.2. Maintained in individual FRFs/JRFs and provide a complete chronological history of each individual's aviation career.

A3.1.3. Distributed according to **Table A3.2**.

A3.1.4. Completed according to **Table A3.1** through **Table A3.4**. (See **Figure A3.1** for completed sample).

A3.1.5. Signed by the wing Host Aviation Resource Manager (HARM). The wing HARM must be an Operations Resource Management NCO (E-7 or above/civilian equivalent [GS-6] or E-7/GS-7 or above for ANG) with a seven (7) skill level and at least three years experience in the 1C0X2 career field. Waiver to this requirement must be submitted to HQ USAF/XOOT with full justification and expected get well date.

A3.2. Aeronautical Orders Publication.. Publish AOs for:

A3.2.1. Officers and CEAs qualified for an aviation career (restricted to rated officers, officers, in flying training leading to award of an aeronautical rating and the CEA designation) to:

A3.2.1.1. Start or end the member's requirement to perform operational flying duty.

A3.2.1.2. Direct and record changes to aviation service code (ASC) and incentive pay entitlement.

A3.2.1.3. Establish the transition status code (TSC).

A3.2.2. Members (officer and enlisted) not qualified for an aviation career to:

A3.2.2.1. Establish or terminate member's requirement to perform regular and frequent flight as a crewmember or on operational support duties.

A3.2.2.2. Direct and record changes to ASC, and incentive pay entitlement.

A3.2.2.3. Establish or terminate member's requirement to perform parachute jump duties.

A3.2.3. Award basic and advanced authorized ratings and badges. AOs that award aeronautical ratings, aircrew member badges, and parachutist ratings are single-action orders.

NOTE:

AOs will not be published for professionally qualified civilian employees or government contractors to perform inflight duties. These individuals will be placed on the unit's flight authorization. (See paragraph [1.8.](#))

A3.3. General Instructions..

A3.3.1. The HARM office prepares AOs IAW this instruction and inputs from unit HARMs, commanders (including unit commanders) and HQ USAF/XOOT.

A3.3.1.1. Number AOs in sequential order, starting with number one for each fiscal year. Cite, above the heading of the first order of a year, the number of the last order published the previous year.

A3.3.1.1.1. A record set of AOs contains all orders published during a fiscal year, to include regular, amendment and revocation orders. Each order number must be accounted for (log required), from the first order through the last order published for that fiscal year.

A3.3.1.1.2. A separate file of background material (from official sources), which supports each order's publication, must be maintained for each fiscal year. Annotate the background material in the lower right-hand corner to show the order number to which it pertains.

A3.3.1.1.3. Post each amendment or revocation to the HARM and FRF/JRF record sets. Post in ink on the left margin of the original order.

A3.3.1.2. Confirm verbal orders (in writing) within three workdays. Include in the written order the date and by whom the verbal order was issued and, if flying status or aeronautical ratings were affected, a statement why written orders were not issued earlier. For example, "The verbal orders of the commander on (date) are confirmed; circumstances prevented written orders in advance."

A3.3.2. Units may use AF Form 1887, **Request and Authorization for Aeronautical Orders**, or letter to request actions that originate at the unit level. The unit must complete the proper items and send the form to the HARM. (When required, the unit routes the form through the MPF for verification [see paragraph [A3.4.](#)]).

A3.3.3. The host base Information Management office (IM) makes reproduction facilities available for publishing AOs when these facilities are not available within the HARM.

A3.3.4. HARMs may publish a single aeronautical order affecting several members providing the action is exactly the same for each member. For group orders, mask information protected under the Privacy Act of 1974 (SSNs) to prevent unauthorized disclosure.

A3.3.5. A single AO may be published directing several actions that pertain to an individual, provided all actions have the same effective and termination dates. (**EXCEPTION:** AOs awarding basic or advanced aeronautical ratings or badges do not contain other actions.)

A3.3.6. Use the AF Form 1887 or AFORMS generated memo format to amend or revoke a previous AO.

A3.3.6.1. Amend AOs to correct minor administrative errors (erroneous SSN), improper grade, etc.), if the intent of the original order is unaffected by the correction. The amendment order should contain only the required identifying data and the amended data. Underline amended items.

(An amendment makes the amended order read as it should have initially.) Each AO requiring correction must have a separate amendment. HARM offices are authorized to amend other HARM offices' AOs (provide copy to original office).

NOTE:

Copies of the amended AO must be sent to the originating HARM office for filing, if that HARM office is still active.

A3.3.6.2. Do not rescind AOs. Action taken on a later AO supersedes only the same item on previous orders. Previously awarded items on an order maintain the same effective date. Example: MSgt Jones', (ASC 9D) aeronautical order (AO) will terminate 1 June 20XX. However, MSgt Jones reenlists on 24 May 20XX, and is to remain on active flying status. An AO must be printed to reflect the new termination date based on the new DOS; the **effective date of the AO will remain the same** as the AO that placed MSgt Jones on flying status.

A3.3.6.3. Revoke an order when it is void and without effect from the beginning. (A revocation deletes the order from the chronological history in the member's FRF or JRF.) However, the revoked AO must be filed with the record set of AOs that supports the AO being published. When an AO is revoked, it no longer exists as an official document. Do not revoke a revocation; instead, publish a new order.

A3.4. Restrictions on Publication..

A3.4.1. Do not publish an AO to authorize Air Force Reserve Command (AFRC) or Air National Guard (ANG) personnel to take part in flying activity during short periods of EAD. **EXCEPTION:** AOs will be published for AFRC and ANG personnel while attending the Flight Screening Program.

A3.4.2. The effective date of an AO cannot be before the date the member met all eligibility requirements.

A3.4.3. Prior to publication of the AO terminating aviation service for non-CEA enlisted aircrew members, the HARM must ensure the member was given a 120-day notification before removal from aviation service. Receipt of assignment notification documentation from the MPF, as directed by AFI 36-2102, *Preparation of Personnel Selected for Relocation --Base Level Procedures*, verbal orders of the member's unit commander (written confirmation must be received within three workdays), or any official documentation received from HQ USAF/XOOT constitutes certification and will be noted in remarks of the published order. Place MPFs on distribution for all such AOs.

A3.4.4. AOs should not be published later than the effective date if the action changes, initiates, or terminates incentive pay entitlement, unless:

A3.4.4.1. The AO confirms an ASC change as a result of PCS/PCA. In this case, the effective date is the day after the member signs out from the losing organization, as provided by the MPF. A retroactive statement is not necessary for this action.

A3.4.4.2. The AO involves circumstances where a directive establishes an effective date. Use the directive established date as the AO effective date and cite the governing directive that applies as authority.

Figure A3.1. Sample Aeronautical Order and Instructions.

REQUEST AND AUTHORIZATION FOR AERONAUTICAL ORDERS <small>(If more space is needed use reverse of form and identify by item number)</small>									
1. <input checked="" type="checkbox"/> INITIATE AVIATION SERVICE PERIOD <input type="checkbox"/> CHANGE AVIATION SERVICE CODE FROM <u>N/A</u> <input checked="" type="checkbox"/> ESTABLISHES ASD <input checked="" type="checkbox"/> OTHER (Specify) <u>ESTABLISHES TSC A</u>					2. ENTITLEMENT STATUS ENTITLEMENT <input checked="" type="checkbox"/> TO ACIP <input type="checkbox"/> TO HOIP <input checked="" type="checkbox"/> IS AUTHORIZED <input type="checkbox"/> IS TERMINATED <input type="checkbox"/> IS NOT AFFECTED				
3. THE FOLLOWING INDIVIDUAL(S)									
NAME			GRADE	SSN	ORGANIZATION AND LOCATION				
CARTIER, BRENDA P.			2LT	123-45-1843	450 FTF (ATC) Mather AFB, Ca 95655				
					YES	NO	EFFECTIVE DATE	TERMINATION DATE	
4. REQUIRED TO PERFORM FREQUENT AND REGULAR FLIGHT					<input checked="" type="checkbox"/>		19920602	20040601	
5. REQUIRED TO PERFORM PARACHUTE JUMP DUTIES						<input checked="" type="checkbox"/>			
RATED INFORMATION (8-14)									
8. STATUS			A. AERO RATING		B. ASC		9. FAC CODE, ETC.		
<input type="checkbox"/> POSSESS(ES)			NAVIGATOR		1U				
<input type="checkbox"/> IS/ARE AWARDED BASIC									
<input checked="" type="checkbox"/> IS/ARE IN TRAINING FOR BASIC							FAC 7		
10. AND POSSESS(ES) ADDITIONAL									
11. IS/ARE AWARDED THE RATING					12. ASD		13. OSO	14. OFDA	
					19920602		19920408		
NON-RATED INFORMATION (15-17) (Only flying time logged (AW AF 11-401 in aircraft authorized in item 17 is creditable for incentive pay entitlement.)									
15. AIRBORNE DUTY/POSITION CODE					16. ASC		17. AIRCRAFT MID/S		
18. REMARKS									
OFFICER LISTED IS A MEMBER OF CLASS 92-13, AND IS ASSIGNED TO COURSE S-V8N-C AT MATHER AFB CA									
19. ORDERS ISSUING/APPROVING OFFICIAL					20. SIGNATURE				
NOEMI ESCALANTE, A1C, USAF					Noemi Escalante				
21. AUTHORITY							22. DATE		
AFR 60-13, PARA 3.5 (Now AFI 11-402, paragraphs 3.4 and 3.11.1)							19920606		
23. DESIGNATION AND LOCATION OF HEADQUARTERS					24. AERO ORDER NO.		25. DATE		
DEPARTMENT OF THE AIR FORCE 323D FTW (ATC), MATHER AFB, CA 95655					0465		19920608		
26. DISTRIBUTION					27. SIGNATURE ELEMENT OF ORDERS AUTHENTICATING OFFICIAL FOR THE COMMANDER				
A					Darcy L. Standish, CMSgt USAF Chief, HARM				
MPO SECTION									
28. <input checked="" type="checkbox"/> ACIP <input type="checkbox"/> HOIP		29. ACTION <input checked="" type="checkbox"/> START (01) <input type="checkbox"/> STOP (02) <input type="checkbox"/> REPORT (03) <input type="checkbox"/> CHANGE (04) <input type="checkbox"/> CANCEL (05)		30. EFFECTIVE DATE		31. TERMINATION DATE		PROCESSING VERIFICATION	
				19920602		20040601		34. TRANSACTION NO.	
32. DATE				33. MPO CERTIFYING SIGNATURE		36. TRANSMISSION NO.		35. ADSN	
19920606				Money Bags				37. DROT DATE	

Table A3.1. Instructions for Preparation of the AF Form 1887, Request and Authorization for Aeronautical Orders.

Item #	Check appropriate blocks(s) and enter information as follows:
Item 1	<p>(Initiate Aviation Service Period). When this item is checked for rated officers (except flight surgeons), include in item 14 the total number of months of operational flying as of the effective date of the order (item 6). An aviation service period is initiated on entry into flying training that leads to an aeronautical rating and at each subsequent aviation career phase point (12 and 18 years aviation service).</p> <p>(Change Aviation Service Code From). If member had no aviation service code before the date of this order, enter "NA."</p> <p>(Aircraft Assignment Action). No longer used.</p> <p>(Other). All other reasons for publishing the AO must be specified in the space provided and may be continued in item 18 if necessary. This block must be checked for all nonrated members who enter a course of instruction leading to pilot or navigator rating or being awarded a flight surgeon rating, and the following statement must be entered. "Establishes ASD." When AF Form 1887 is used to amend or revoke a previous AO, the "other" item must be checked, the action taken indicated, and the previous AO number referenced. For example: "Amend AO 322." "Revoke AO 247," etc. Complete item 18 as required. For cadets in special training status enter: "authorized temporary flying duty." NOTE: HARMs are not required to publish aircraft assignment AOs. However, a letter of justification is required from the member's MAJCOM to fly in non-USAF aircraft, IAW paragraph 1.11. The letter must be permanently filed on the left-hand side of the member's FRF. This letter will serve as the authorizing aircraft assignment action for the member.</p>
Item 2 - Entitlement Status	<p>An entry is required in this item for all AOs. a. Indicate the type of incentive pay to which the action relates: ACIP, CEFIP, or HDIP. <i>Do not check multiple blocks.</i> b. If the individual's entitlement to incentive pay is affected by publishing the AO, so indicate by checking the appropriate block, authorized or terminated. c. Check the "not affected" block when the specific actions on the order do not result in a change in the entitlement status of the individual.</p>
Item 3 - (Name)	<p>Enter the name, grade, SSN, organization, and location for each member affected by the AO. If additional space is required, type "See reverse" under the last name in item 3 and continue on reverse side. The following additional instructions apply: a. All items on the AO except name, grade, and items 6, 7, and 12 through 14 must apply equally to each member listed on the order. b. If items 6, 7, and 12 through 14 apply, enter only one name in item 3, and list the other names and items 7 and 12 through 14 on the reverse side of the order. c. For non-EAD members of AFRC, enter "AFRC (NON- EAD)" after member's name. d. For group orders, do not include information protected by the Privacy Act of 1974 (e.g., SSNs).</p>

Item #	Check appropriate blocks(s) and enter information as follows:
Item 4 - (Required to Perform Frequent and Regular Flight)	Complete on initial assignment to aviation service or duties and for all ASC changes. NOTE: A rated member is required to perform frequent and regular flights as long as a valid rating is held. Item will be marked "NO" only in cases where a member is disqualified or suspended for aviation service.
Item 5 - (Required To Perform Parachute Jump Duties)	Complete only if parachute jump status changes.
Item 6 - (Effective Date)	This is the effective date of the AO and cannot be before the member meets all eligibility requirements.
Item 7 - (Termination Date)	<p>This is the last day the AO will be effective.</p> <p>a. For rated officers (except flight surgeons) and officers in training that leads to an aeronautical rating, enter the next aviation career phase point; for example, the date the officer will accrue 12, 18, or 25 years of aviation service, whichever occurs first, unless an earlier termination date is known. For officers in entitlement status 4, enter the date the officer will accrue 22 years of aviation service.</p> <p>b. For CEAs enter the next aviation career phase point; for example, the date the CEA will accrue 10, 15, 20, or 25 years of aviation service, whichever occurs first, unless an earlier termination date is known.</p> <p>c. For flight surgeons, enter the date officer will complete 25 years of aviation service.</p> <p>d. For nonrated enlisted members, the termination date will be the Date of Separation (DOS). For nonrated officers, the termination date will be the DOS, if known. If DOS is not known, the termination date will not exceed three years. If the member is notified of a follow-on flying assignment, change the termination date to reflect the follow-on assignment flying tour completion.</p> <p>e. For operational support personnel, occasional in flight duty will be on a monthly basis or earlier. (Termination will be the last day of month).</p>
	<p>f. Enter "NA" on all AOs awarding aeronautical ratings or aviation badges, and disqualifying or terminating aviation service.</p> <p>g. For individuals who complete 25 years of aviation service, enter the DOS. If indefinite, enter "NA."</p>

Item #	Check appropriate blocks(s) and enter information as follows:
Items 8 through 14 - (Rated/CEA Information)	Complete, as appropriate, when the order: changes a rated officer's/CEA's ASC; awards a basic aeronautical rating to a graduate of a flying training course or flight surgeon rating to a graduate of course 50BY9351; or initiates an aviation flying service period for an officer or CEA entering undergraduate flying training. a. Item 9. Not Used. b. Item 10. Enter any additional aeronautical rating held even though the officer does not perform duty in that aeronautical career field (a pilot who has a navigator rating, a flight surgeon who has a pilot rating). c. Item 11. Enter the advanced rating awarded and cite the appropriate paragraph in item 21. d. Items 12 and 13. Complete these items only on AOs that first establish an aviation service career; for example, when entering formal training that leads to an aeronautical rating. e. Item 14. Leave blank when the order pertains to flight surgeons or nonrated airborne duties.
Items 15 through 17 - (Nonrated Information)	Complete if order directs member (rated, CEA, or nonrated) to perform other than rated airborne duties. For example: a. (Nonrated Officer-Other Than Flying Training Student). In item 15, enter a brief description of the airborne duty or position (for example, weather reconnaissance officer, flight nurse), followed by the appropriate code used to record time on AFTO Form 781, (see Attachment 2 , this instruction). Enter ASC in item 16. Leave item 17 blank. b. (Enlisted Crewmembers). Complete items 15 and 16. Leave item 17 blank. c. (Rated Officer). Although performance of nonrated airborne duty may not affect an officer's rated status or pay entitlement, an order is published to authorize and record performance of such duties. Item 16 will be "NA" d. (Cadets in special training status or nonrated members who perform specific official tasks). Enter NA in each item.
Item 18-(Remarks)	If necessary, continue this item on the reverse of the form. a. (Undergraduate Flight Training) . Include course name, class number or designator, and school location. b. (Awarding Aeronautical Rating) . When awarding a basic aero-nautical rating, enter name of course completed, class designation or number, date of completion, and school location.
	c. (For Nonrated Crewmembers: Officer and Enlisted, and Members on Jump Status) . Enter UMD DAFSC with prefix. Parachute jumps are authorized from any jump deployable military or military contract aircraft for pay qualification. Item 17 does not apply. d. (Initiation or Removal of a Disqualification [Administrative, Medical Disqualification, etc.]). Enter reason and authority according to AFI 11-402, AFI 11-410, and this instruction, or if any action was directed or confirmed by HQ USAF/XOOT. If for medical reasons, enter date of medical incapacitation shown in AF Form 1042.

Item #	Check appropriate blocks(s) and enter information as follows:
	<p>e. (Revalidating Flying Status of Rated Officer/CEA). Include statement that member's previous aviation service status terminated on (appropriate date) and reason member is being returned to aviation duty. For example, "Officer is assigned to a position in the Reserve force requiring a rated officer as prescribed by AFI 38-201."</p> <p>f. (Disqualification or Requalification). Indicate action being taken and reason. For example:</p> <ul style="list-style-type: none"> (1) Termination of requirement to perform aviation service. State the reason and cite the aeronautical order that previously ordered the member to aviation duties. (2) Disqualification in one or more ratings of dual-rated member. Specify the rated specialty or specialties in which disqualified and the reason. If member is to continue an aviation career in another rating, so state. (3) Prohibited from wearing aviation badge. When disqualification results from flying evaluation board (FEB) action that further directed that member not to be permitted to wear aviation badge, include: "Member is prohibited from wearing the aviation badge." (4) Disqualification for medical incapacitation. Include date of original incapacitation to document that the proper grace period has been given. (5) Removing medical disqualification. Include date member is re-certified "medically qualified" and authority. <p>g. (Retroactive Orders). When date in item 6 is before date of order (item 25), include a statement validating the issuance of a retroactive order.</p> <p>h. (Award of Badges). Include the statement: "is awarded flight nurse badge, aircrew member badge, advanced aircrew member badge, or parachute badge," citing authority outlined in AFI 11-402. For the basic badge, include name of course; class number and designation, and location of school that qualified the member. For the advanced badge, cite the specific criteria attained that justified the award.</p> <p>i. (Changes to Orders). If the order amends or revokes a previous order, include a statement of action; including AO number, publishing organization, and date of the order being amended or revoked.</p>
	<p>j. (Cadets in Special Training Status). Enter: "The above named individual(s) (is)(are) authorized to participate in flying duties as (a) cadet observer(s) in a special training status for the duration of the Advanced Training Program. Member(s) (is)(are) not entitled to ACIP/HDIP."</p> <p>k. (Operational Support Members-ASC 9C). Includes the statement: "Member's ASC will change automatically to "06" the day after AO termination."</p> <p>l. (Other Nonrated Members Who Fly Occasionally to Perform Specific Official Tasks). Member has current physical and physiological training. Neither Hazardous Duty Incentive Pay nor flying duty credit is authorized.</p>

Item #	Check appropriate blocks(s) and enter information as follows:
Item 19 and 20 - (Orders Issuing/ Approval Official and Signature)	Designated individual within the squadron aviation resource management (SARM) office except as shown in paragraph A3.1.5. this attachment.
Item 21 - (Authority)	Include letter, message, or appropriate directive with applicable paragraph.
Item 22 - (Date)	Date the AO was requested by the orders issuing or approval official.
Item 23 Through 25	Completed by the authenticating official.
Item 26 - (Distribution)	See Table A3.2. for distribution.
Item 27 - (Signature Element of Orders Authenticating Official)	Will normally be signed by the Chief, Host Aviation Resource Management Office. This responsibility may be delegated to a Non-commissioned officer in the grade of master sergeant (E-7)/GS-6 civilian equivalent (GS-7 for ANG) or above. Waiver requests to this requirement must be submitted to HQ USAF/XOOT.
Item 28 through 32 - (Military Pay Order (MPO) Section)	<p>This section is completed to take an MPO action only after the AO is authenticated. a. Item 28--Check type pay affected by the MPO action. b. Item 29 through 31--Check the appropriate action requested (only one action per form) and enter appropriate date as outlined below: (1) Start--Use effective date block--enter desired start payment. (2) Stop--Use termination date block--enter desired stop date. (3) Report--Use both blocks--enter start and stop dates requested (limited to one month). (4) Change--Use effective date of change (usually applies only to crew status changes). (5) Cancel--If MPO cancels an erroneous start, enter in the effective date block the start date of the MPO being canceled. If MPO cancels a stop, enter termination date from MPO being canceled in termination date block. If MPO cancels MPO report, enter both dates from the report being canceled.</p> <p>NOTE: The termination date (block 31) should be filled out for all MPO actions. This date will be the actual date when incentive pay terminates, if known, or the termination date of the AO.</p>
Item 32--(Date).	Enter date of request.
Item 33 - (Signature)	HARM or designated representative.
Item 34 Through 37 - (Processing Verification)	After the MPO has been processed by the AFO, verify processing by transcribing the transaction information from the daily record of transactions (DROT) or JUMPS data collection input (JDCI) in these blocks.

Table A3.2. Required Distribution of Aeronautical Orders.

RULE	Explanation
1	Establishes or terminates an aviation career for officers (establishes or terminates an aviation service date). Use distribution code A.
2	Reserved.
3	Applies to officers and affects actions other than those in Rule 1. Use distribution code C.
4	Applies to airmen. Use distribution code D.
CODE#	# of Copies in Parenthesis
A	Individual (1) Unit of Assignment (1) HARM of unit member is assigned to for flying (1) HARM issuing the order (5) Unit maintaining the member's flight evaluation folder (1) BEMO/EMO of unit to which member is assigned (1) HQ AFPC/DPSAMI, 550 C. Street West Suite 21, Randolph AFB TX 78150-4723 (1--Active Duty only) HQ ARPC/DSFR, Denver CO 80280-4100 (1--Non-EAD Air Reserve Component officers only)
B	Reserved
C	Individual (1) Unit of Assignment (1) HARM of unit member is assigned for flying (1) HARM issuing the order (5) Unit maintaining the member's flight evaluation folder (1) BEMO/EMO of unit to which member is assigned (1) AFGOMO, Washington DC 20330-1040 (1--General Officers only) HQ AFPC/DPSAMI, 550 C. Street West Suite 21, , Randolph AFB TX 78150-4723 (1--Active Duty only) HQ ARPC/DSMD, Denver CO 80280-4400 (1--Non-EAD Air Reserve officers only) MPF/DPM (2) (See Note 4)
D	Individual (1) Unit of Assignment (1) HARM issuing the order (2) Unit maintaining the member's flight evaluation folder (1) IEU of unit to which member is assigned (1) MPF/DPM (3) (See Note 4) HQ AFPC/DPSAMI, 550 C. Street West Suite 21, , Randolph AFB TX 78150-4723 (1--Active Duty only) (See Note 5) HQ ARPC/DSMD, Denver CO 80280-4400 (1-ARC only) (see Note 5)

NOTES:

1. At least one of the distribution codes must be shown on the order. Additional coded distribution will be shown as "plus;" for example, "A plus D."
2. In all cases, each individual must receive one copy. For the remaining distribution, increase the number of copies if the order applies to more than one individual. For example, the HARM gets 20 copies if the order is for four individuals.
3. Enclose all orders imposing or revoking a suspension in a US Government Messenger Envelope or a sealed envelope, before placing it in distribution channels.
4. Only forward orders disqualifying an individual from aviation service or removing one from parachute jump status.
5. Forward orders awarding the aircrew member badge and orders that medically or permanently disqualify for aviation service only.

Table A3.3. Items to Complete on AF Form 1887, Rated Members and CEAs.

If the rated member's or CEA's duty will be	RULE					
	1	2	3	4	5	6
	and the AO will make the member's status					
	Active					Inactive
	Career	Flying	Student	Support	Parachutist	
A. Aircrew Member	Yes		Yes			Yes
B. Flight Surgeon	Yes					
C. Nonrated Duty		Yes		Yes	Yes	
then complete AF Form 1887						
D. Item 5, required to perform parachute duties					X	X
E. Items 8-14, Rated Informa- tion (N/A for Flight Surgeons and CEAs)	X			X		X
F. Items 15-17, CEA Informa- tion		X		X		
G. Item 18, Remarks (Include the CEA's ASD and total OFDA)			X	X	X	X
H. Item 21, Authority			X		X	X

Table A3.4. Items to Complete on AF Form 1887, Nonrated Members.

If the member's duty will be	RULE				
	1	2	3	4	5
	and the AO will make the member's status				
	Active				Disqualified or Terminated
	Flying	Student	Support	Parachutist	
A. Aircrew Member	Yes	Yes			Yes
B. Operational Support			Yes	Yes	
then complete AF Form 1887					
C. Item 5, required to perform parachute jump duties				X	X
D. Items 15-17, Nonrated Information	X	X	X	X	
E. Item 18, Remarks	X	X	X	X	X
F. Item 21, Authority		X	X		X

Attachment 4 (ADDED-AFMC)**INSTRUCTIONS FOR USING AFMC FORM 82, FLIGHT AUTHORIZATION**

A4.1. (Added-AFMC) Purpose. AFMC Form 82 will be used for all flights that originate or terminate outside the local flying area. These forms may be used for local area flying if desired.

A4.2. (Added-AFMC) The AFMC Form 82 is available in electronic format using Form Flow. The form may also be computer generated by flying units provided the original format and information are retained.

A4.3. (Added-AFMC) Commanders or people they designate in writing by organization position or name will approve flight authorizations. Changes will be approved IAW AFI 11-401, para 1.8.1.

A4.4. (Added-AFMC) Completed forms will be kept on file for one calendar year after completion of flight.

Table A4.1. (Added-AFMC) AFMC Form 82 Entries

Item	Entry
1	Local date. Format YYYYMMDD (example: for 1 Mar 02 enter 20020301).
2	Local date. Format DD MMM YYYY (20020301).
3	Estimated time of departure will be in 24-hour GMT clock time (e.g., 1300).
4	Type aircraft by mission-design-series.
5	Aircraft Serial Number. Year-digits to uniquely identify the aircraft (e.g., 62-000024).
6	Call sign to be used for the flight.
7	Following the word ITINERARY the statement “VARIATIONS IN ITINERARY AUTHORIZED” must be used. For Forms 82, which involve multiple sorties, list each authorized sortie, with the origin and destination.
8	An authorized mission symbol, or symbols, to be used for the flight.
9	Program element identifier (PEID).
10	Highest crew position authorized to be logged on the flight on the AFTO Form 781.
11	The three-letter designation of rank will be used (2LT,TSG).
12	Crewmember’s printed name (last, first, middle initial). An asterisk (*) before the last name will be used to designate the pilot in command. A pound sign (#) before the last name will be used to designate the formation lead and a double pound sign (##) for the alternate lead.
13	Last four numbers of the crewmember’s social security number.
14	Individual’s assigned Organization and MAJCOM.
15	Determined locally.
16	Remarks determined locally.
17	Unit issuing the flight authorization.
18	Flight authorization number will be a numeric designation using the last two numerals of the fiscal year followed by the chronological number of the flight authorization, separated with a dash (95-001). Sequentially number from the beginning of the fiscal year for all units AFMC Forms 82. Geographically separated flight operations may use blocks of flight authorization numbers (such as 96-Axxx for one location, 96-Bxxx for another location, etc.).
19	Signature and typed name, grade, and title of authorizing official.
20	Local date. Format YYYYMMDD (20020301).

Note: A single AFMC Form 82 may be used for missions extending beyond one day (such as deployments, deliveries, etc.) if the itinerary in item #7 lists each authorized sortie origin/destination and the crew and aircraft are unchanged.

Attachment 5 (ADDED-AFMC)**INSTRUCTIONS FOR USING AFMC FORM 83,
LOCAL FLIGHT CLEARANCE/FLIGHT AUTHORIZATION**

A5.1. (Added-AFMC) Purpose. AFMC Form 83 is designed for flights originating and terminating in the local flying area. AFMC Form 82 and DD Form 175 must be used for all flights originating or terminating outside the local flying area. Flying units may use these forms for local area flying if desired. AFMC Form 83 may be used during a deployment for flights originating and terminating at the same deployed location if units obtain prior agreement with the local controlling agency.

A5.2. (Added-AFMC) The AFMC Form 83 is available in electronic format using Form Flow. Flying units may computer generate this form provided the original format and information is retained. Do not preprint items 16 through 21, 23, 24 and 27. All other items may be filled in prior to printing at the option of the preparing organization.

A5.3. (Added-AFMC) Commanders or people they designate in writing by organization position or name will approve flight authorizations. Changes will be approved IAW AFI 11-401, para 1.8.1.

A5.4. (Added-AFMC) Completed forms will be kept on file for one calendar year after completion of flight.

Table A5.1. (Added-AFMC) AFMC Form 83 Entries.

Item	Entry
1	Local date. Format YYYYMMDD (20020301)
2	Location aircraft departs.
3	Signature and typed name, grade, and title of authorizing official.
4	Must read: LOCAL (VARIATIONS IN ITINERARY AUTHORIZED)
5	Flight authorization number will be a numeric designation using the last two numerals of the fiscal year followed by the chronological number of the flight authorization, separated with a dash (95-001). Sequentially number from the beginning of the fiscal year for all unit's AFMC Forms 82 and 83. Geographically separated flight operations may use blocks of flight authorization numbers (such as 96-Axxx for one location, 96-Bxxx for another location, etc.).
6	Unit issuing the flight authorization.
7	Date the flight is authorized. Format YYYYMMDD (20020301)
8	Program element identifier (PEID).
9	Call sign to be used for the flight.
10	Highest crew position authorized to be logged on the AFTO Form 781 for that flight.
11	Crewmember's printed name (last, first, middle initial). An asterisk (*) before the last name will be used to designate the pilot in command. A pound sign (#) before the last name will be used to designate the formation lead and a double pound sign (##) for the alternate lead.
12	The three-letter designation of rank will be used (2LT, TSG).
13	Last four numbers of the crewmember's social security number.
14	MDS and Tail Number. Year-digits to uniquely identify the aircraft (e.g., 62-000024).
15	Authorized mission symbols, or symbols, to be used for the flight.
*16-17	Estimated times are the same as required for DD Form 175. These entries will be entered prior to departure. The pilot in command will ensure actual times are entered and corrected after the flight.
*18	Requirement of DD Form 175 applies. Follow instructions contained in FLIP GP for weight and balance entries.
*19-20	Requirement of DD Form 175 applies.
21	Requirement of DD Form 175 applies.
22	Requirement of DD Form 175 applies. However, locally approved flight plan designations may be used. (Viper 1, China 4 alpha, etc.) If DD 175 is filed, annotate DD-175 is on file.
*23	Enter number of latest FCIF for which crewmembers are responsible.
*24	Signature of pilot in command verifying all requirements and information is complete and correct.
25	Remarks as required by para. A2.3. Local use at the discretion of issuing unit.
26	Any combination of job order, assigned mission and operation numbers may be used.
27	OPS OFF INIT.

*The pilot in command will fill in information. Estimated times are only required for items 16 and 17.

Attachment 6 (ADDED-AFMC)**CONSOLIDATED SCHEDULE**

A6.1. (Added-AFMC) This supplement requires various data to be collected either for unit or headquarters use. The following is a consolidated schedule of this supplement's requirements.

- A6.1.1. (Added-AFMC) JANUARY: MESP Annual Flying Report (para. **1.22**)
- A6.1.2. (Added-AFMC) APRIL: Crew Lists (para. **1.20**),
Unit CC/DO, DOV, DOT Chiefs lists (para. **1.20**)
- A6.1.3. (Added-AFMC) JUNE: DFO Appointment Memos (para. **1.4.3.4. (Added)**)
- A6.1.4. (Added-AFMC) AUGUST: API 8 with FSC "K" justifications (para. **2.15**)
- A6.1.5. (Added-AFMC) 15 OCTOBER: Orientation Flight Data (para. **1.19**),
Crews Lists (para. **1.20**),
Unit CC/DO, DOV, DOT Chiefs list (para. **1.20**)
- A6.1.6. DECEMBER: OFDA Waiver Request (para. **2.7.3**)

Attachment 7 (ADDED-AFMC)

SAMPLE ATTACHMENT FOR FLYING REQUEST

A7.1. (Added-AFMC) Draft Letters of Attachment Using Microsoft Word. Prepare letters using the format shown below.

A7.2. (Added-AFMC) A squadron aviation resource management specialist will review letter for accuracy before forwarding to commander for signature.

A7.3. (Added-AFMC) When the requesting official signs the request, send an electronic copy to HQ AFMC/DOOT.

A7.4. (Added-AFMC) The unit of attachment will keep a signed copy of the letter on file for the duration of the attachment.

MEMORANDUM FOR (requested Flying Unit of Attachment)

HQ AFMC/DOO

IN TURN

FROM: (Requesting individual's unit)

SUBJECT: Request for Attachment for Flying

1. Request approval for Major John H. Doe, SSAN: 111-22-3333 to be attached to the 416th Flight Test Squadron, 412 TW Edwards AFB CA. He is currently assigned to an active aviation position identifier (API) position at Kirkland AFB NM, with no flying facilities or aircraft available. The following data is provided IAW AFI 11-401, para. 2.20:

- AVIATION SERVICE DATE:
- AVIATION SERVICE CODE:
- AERONAUTICAL RATING/RATINGS:
- EXPECTED DURATION OF ASSIGNMENT:
- DATE OF SEPARATION:
- ASSIGNED DUTY POSITION:
- AVIATION POSITION IDENTIFIER (API) CODE:
- POSITION NUMBER:
- DATE OF LAST FLIGHT PHYSICAL:
- DATE OF LAST PHYSIOLOGICAL TRAINING:
- DUTY TELEPHONE NUMBER:
- AIRCRAFT LAST QUALIFIED IN:
- DATE LAST FLOWN:
- REQUESTED UNIT OF ATTACHMENT:
- POINT OF CONTACT AT UNIT:

2. This paragraph should contain full justification for attachment of the individual to fly.

//signed//

(Requesting Individual's Assigned Unit CC Signature Block)

1st Ind, (Requested Flying Unit/CC)

Concur/Do Not Concur

To support the attachment of Major John H. Doe for flying purposes to my organization IAW AFI 11-401, para. 2.20.

//signed//

(Requested Flying Unit CC Signature Block)

Attachment 8 (ADDED-AFMC)**SAMPLE CIVILIAN MESP AERONAUTICAL ORDER EQUIVALENT**

A8.1. (Added-AFMC) This memorandum will be used in lieu of an AO for civilian MESP. Once signed by the DFO and sent to the HARM office, this memorandum becomes the equivalent of an aeronautical order.

A8.2. (Added-AFMC) Review this memorandum annually in conjunction with the annual review of AFMC Form 81 and reaccomplish if requirement for an AO still exists.

DATE

MEMORANDUM FOR: (HARM OFFICE)

FROM: (FLYING UNIT DFO)

SUBJECT: Civilian MESP Aeronautical Order Request

Request (MESP name and SSAN) be placed on an aeronautical order equivalent IAW AFI 11-401, AFMC Sup 1, para 2.24.3. (MESP name) is projected to exceed 12 sorties in a 12-month consecutive period. (He/she) will comply with applicable training and medical requirements IAW AFI 11-401, para 2.12.4 and 2.16.3, AFI 48-123, AFMC Sup 1, and AFI 11-301, AFMC sup 1, para 13.11.5 and attachment 7.

We will review this request annually IAW AFI 11-401, AFMC sup 1, para 2.24.4. Once signed, this letter becomes the aeronautical order equivalent for (MESP name) and should be filed appropriately.

(FLYING UNIT DFO SIGNATURE BLOCK)